



Chemical Resistance Chart for IWAKI Metering Pumps

Explanation of footnotes

* : PVC blade hose is not recommended.
 (**): "BVC" type (check valve) is to be used.

1 Not suitable
 0 No data

| No. | Liquid | Molecular Formula | S.G. | Conc. % | Max. Service Temperature (°C) | | | | | | | | |
|-----|---------------------------|---|------|---------|-------------------------------|----|----|----|----|----|----|----|----|
| | | | | | VC | VH | V6 | VM | PC | PH | TC | FC | SH |
| 1 | Acetaldehyde | CH ₃ CHO | | | - | - | - | - | - | 60 | - | - | 20 |
| 2 | Acetaldehyde Aqueous | CH ₃ CHO | | | - | - | - | - | 60 | - | - | - | - |
| 3 | Acetamide | CH ₃ CONH ₂ | | | - | - | - | - | 20 | - | - | - | - |
| 4 | Acetic Acid | CH ₃ COOH | | 10 | 40 | 20 | 40 | 40 | 40 | 20 | 40 | 60 | 20 |
| 5 | Acetic Acid | CH ₃ COOH | | 20 | 20 | 20 | 40 | 20 | 20 | 20 | 20 | 60 | 20 |
| 6 | Acetic Acid | CH ₃ COOH | | 50 | 20 | - | - | 20 | 20 | - | 20 | 60 | 20 |
| 7 | Acetic Acid | CH ₃ COOH | | 80 | 20 | - | - | 20 | 20 | - | 20 | 40 | 20 |
| 8 | Acetic Acid (Glacial) | CH ₃ COOH | | 98 | - | - | - | - | - | - | - | - | - |
| 9 | Acetic Anhydride | (CH ₃ CO ₂) ₂ O | | Pure | - | - | - | - | - | - | - | 20 | 20 |
| 10 | Acetone | CH ₃ COCH ₃ | | | - | - | - | - | - | 20 | - | - | 20 |
| 11 | Acetone Aqueous | CH ₃ COCH ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 12 | Acetonitrile | CH ₃ CN | | | - | - | - | - | - | - | - | 40 | - |
| 13 | Acetophenone | C ₈ H ₈ O | | | - | - | - | - | - | - | - | 20 | - |
| 14 | Acetyl Acetone | CH ₃ COCH ₂ COCH ₃ | | | - | - | - | - | - | - | - | - | 20 |
| 15 | Acetyl Bromid | CH ₃ COBr | | | - | - | - | - | - | - | - | - | - |
| 16 | Acetyl Chloride | CH ₃ COCl | | | - | - | - | - | - | - | - | 40 | - |
| 17 | Acetylene | C ₂ H ₂ | | | - | - | - | - | 60 | - | 60 | 60 | 20 |
| 18 | Acrylonitrile | CH ₂ =CHCN | | | - | 20 | 20 | - | - | 20 | - | 40 | 20 |
| 19 | Acrylic Acid Ethyl Ester | | | | - | - | - | - | - | - | - | 40 | - |
| 20 | Adipic Acid Aqueous | HO ₂ C(CH ₂) ₄ CO ₂ H | | Satu | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 21 | Allyl Chloride | CH ₂ =CHCH ₂ Cl | | | - | - | - | - | - | - | 20 | 20 | - |
| 22 | Allyl Alcohol | CH ₂ =CHCH ₂ OH | | | - | - | - | - | 60 | - | 60 | 60 | 20 |
| 23 | Almiium Acetate | (CH ₃ CO ₂) ₃ Al | | Satu | 40 | 20 | 20 | 40 | 40 | 20 | 60 | 60 | 20 |
| 24 | Alminum Bromide | AlBr ₃ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 25 | Aluminum Ammonium Sulfate | (NH ₄) ₂ SO ₄ Al ₂ (SO ₄) ₃ | | Satu | - | - | - | - | 60 | - | 60 | 60 | - |
| 26 | Aluminum Chloride | AlCl ₃ | | Satu | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 27 | Aluminum Fluoride | AlF ₃ | | Satu | - | - | - | - | - | - | - | - | - |
| 28 | Aluminum Hydrooxide | Al(OH) ₃ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 29 | Aluminum Nitrate | Al(NO ₃) ₃ ·9H ₂ O | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 30 | Aluminum Sulfate | Al ₂ (SO ₄) ₃ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 31 | Amber Acid | COOH(CH ₂) ₂ COOH | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 32 | Ammonia Gas | NH ₃ | | 100 | - | 20 | 20 | - | - | 20 | - | 60 | 20 |
| 33 | Ammonia Liquid | NH ₃ | | | - | - | - | - | - | 20 | - | 60 | 20 |
| 34 | Ammonia Water | NH ₄ OH | | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 35 | Ammonium Acetate | CH ₃ COONH ₄ | | Satu | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |
| 36 | Ammonium Bromide | NH ₄ Br | | Satu | - | - | - | - | - | - | - | - | - |

| Max. Service Temperature (°C) | | | | | | | | | |
|-------------------------------|-----|------|-----|------|-----|----|----|----|----|
| PVC | PPG | PVDF | FKM | EPDM | SUS | HC | Ti | CE | |
| 1 | 60 | 1 | 1 | 60 | 20 | 60 | 20 | 60 | 60 |
| 1 | 80 | 1 | 60 | 80 | 0 | 0 | 0 | 60 | 60 |
| 1 | 20 | 0 | 20 | 20 | 1 | 1 | 1 | 60 | 60 |
| 60 | 80 | 120 | 40 | 60 | 60 | 20 | 20 | 60 | 60 |
| 40 | 60 | 120 | 20 | 60 | 40 | 20 | 20 | 60 | 60 |
| 40 | 40 | 120 | 20 | 1 | 40 | 20 | 20 | 60 | 60 |
| 40 | 20 | 40 | 20 | 1 | 40 | 20 | 20 | 60 | 60 |
| 1 | 1 | 1 | 1 | 0 | 1 | 20 | 20 | 60 | 60 |
| 1 | 1 | 20 | 1 | 1 | 20 | 20 | 20 | 60 | 60 |
| 1 | 40 | 1 | 1 | 40 | 20 | 20 | 20 | 60 | 60 |
| 60 | 80 | 120 | 100 | 100 | 20 | 20 | 20 | 60 | 60 |
| 0 | 20 | 40 | 0 | 20 | 0 | 0 | 0 | 60 | 60 |
| 0 | 40 | 20 | 1 | 80 | 0 | 0 | 0 | 60 | 60 |
| 1 | 20 | 1 | 1 | 1 | 20 | 20 | 20 | 60 | 60 |
| 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 60 | 60 |
| 0 | 40 | 40 | 1 | 1 | 1 | 20 | 20 | 60 | 60 |
| 1 | 80 | 80 | 100 | 1 | 20 | 20 | 20 | 60 | 60 |
| 20 | 20 | 40 | 1 | 60 | 20 | 20 | 20 | 60 | 60 |
| 1 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| 60 | 100 | 60 | 80 | 80 | 1 | 20 | 20 | 60 | 60 |
| 1 | 1 | 20 | 40 | 1 | 0 | 0 | 0 | 60 | 60 |
| 1 | 60 | 80 | 80 | 1 | 20 | 20 | 20 | 60 | 60 |
| 40 | 40 | 120 | 80 | 80 | 20 | 20 | 20 | 60 | 60 |
| 60 | 80 | 120 | 80 | 60 | 0 | 0 | 0 | 60 | 60 |
| 1 | 100 | 120 | 100 | 80 | 40 | 0 | 0 | 60 | 60 |
| 60 | 100 | 60 | 100 | 100 | 1 | 20 | 1 | 60 | 60 |
| 60 | 80 | 120 | 100 | 80 | 1 | 1 | 20 | 1 | 60 |
| 60 | 100 | 120 | 100 | 100 | 1 | 1 | 20 | 60 | 60 |
| 60 | 80 | 100 | 100 | 100 | 1 | 1 | 20 | 60 | 60 |
| 60 | 100 | 120 | 60 | 60 | 100 | 20 | 20 | 60 | 60 |
| 60 | 100 | 120 | 100 | 100 | 0 | 0 | 0 | 60 | 60 |
| 60 | 100 | 120 | 1 | 80 | 20 | 20 | 20 | 60 | 60 |
| 1 | 40 | 120 | 1 | 60 | 20 | 20 | 20 | 60 | 60 |
| 60 | 100 | 120 | 20 | 100 | 20 | 20 | 1 | 60 | 60 |
| 60 | 60 | 120 | 100 | 100 | 20 | 0 | 0 | 60 | 60 |
| 0 | 0 | 0 | 20 | 0 | 1 | 20 | 20 | 60 | 60 |

| | | | | | | | | | | | | | |
|----|----------------------------|---|--|------|----|----|----|----|----|----|----|----|----|
| 37 | Ammonium Carbonate | (NH ₄) ₂ CO ₃ | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 38 | Ammonium Chloride | NH ₄ Cl | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 39 | Ammonium Copper | | | | - | - | - | - | 20 | - | - | - | - |
| 40 | Ammonium Difluoride | NH ₄ HF | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 41 | Ammonium Fluoride | NH ₄ F | | 20 | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 42 | Ammonium Hydrogencarbonate | NH ₄ HCO ₃ | | 40 | - | - | - | - | 20 | - | - | - | - |
| 43 | Ammonium Hydrogensulfite | NH ₄ HSO ₄ | | 40 | 20 | - | - | 20 | 20 | - | - | - | 20 |
| 44 | Ammonium Hydroxide | NH ₄ OH | | 40 | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 45 | Ammonium Magnesium Sulfate | | | | - | - | - | - | 20 | 20 | 20 | 20 | 20 |
| 46 | Ammonium Metaphosphate | NH ₄ PO ₃ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 47 | Ammonium Nitrate | NH ₄ NO ₃ | | | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 48 | Ammonium Oxalate | (NH ₄) ₂ C ₂ O ₄ ·H ₂ O | | | - | - | - | - | - | - | - | 20 | - |
| 49 | Ammonium Perchlorate | NH ₄ CLO ₄ | | | - | - | - | - | - | - | - | 20 | - |
| 50 | Ammonium Persulfate | (NH ₄) ₂ SO ₄ | | Satu | - | - | - | - | - | - | - | 20 | - |
| 51 | Ammonium Phosphate | (NH ₄) ₃ PO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 52 | Ammonium Sulfate | (NH ₄) ₂ SO ₄ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 53 | Ammonium Sulfide | | | Satu | - | - | - | - | - | - | - | 60 | - |
| 54 | Ammonium Sulfite | (NH ₄) ₂ SO ₃ | | Satu | - | - | - | - | 20 | - | - | - | - |
| 55 | Ammonium Thiocyanide | NH ₄ SCN | | | - | - | - | - | - | - | - | 20 | 20 |
| 56 | Amyl Acetate | CH ₃ CO ₂ (CH ₂) ₄ CH ₃ | | Pure | - | - | - | - | - | - | - | 40 | 20 |
| 57 | Amyl Alcohol | C ₅ H ₁₁ OH | | Pure | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 58 | Amyl Chloride | CH ₃ (CH ₂) ₄ Cl | | Pure | - | - | - | - | - | - | 20 | 60 | - |
| 59 | Aniline | C ₆ H ₅ NH ₂ | | Pure | - | - | - | - | 40 | - | 60 | 60 | - |
| 60 | Aniline Chloride | | | 5 | - | - | - | - | - | - | - | - | - |
| 61 | Aniline Hydrochloride | C ₆ H ₅ NH ₂ ·HCl | | Pure | 40 | - | - | 40 | - | - | 60 | 60 | - |
| 62 | Animal Oil | | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 63 | Anthraquinone | | | | - | - | - | - | - | - | - | - | - |
| 64 | Antimony Oxide | Sb ₂ O ₃ | | Satu | - | - | - | - | 20 | - | 20 | 20 | - |
| 65 | Antimony Trichloride | SbCl ₃ | | Satu | 40 | 20 | - | 40 | 60 | 20 | 40 | 40 | - |
| 66 | Aquaregia | 3HCl+HNO ₃ | | | - | - | - | - | - | - | - | 60 | - |
| 67 | Arsenic Acid | H ₃ AsO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 68 | Asphalt | | | | - | - | - | - | 60 | - | 60 | 60 | - |
| 69 | Balium Sulfate | BaSO ₄ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 70 | Balium Sulfide | BaS | | Satu | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 71 | Barium Carbonate | BaCO ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 72 | Barium Chloride | BaCl ₂ ·2H ₂ O | | Satu | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 73 | Barium Hydroxide | Ba(OH) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 74 | Barium Nitrate | Ba(NO ₃) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 75 | Barium Peroxide | BaO ₂ | | | - | - | - | - | - | - | - | - | - |
| 76 | Beer | | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 77 | Beet Sugar Liquours | | | | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |
| 78 | Benzaldehyde | C ₆ H ₅ CHO | | 10 | - | - | - | - | - | - | - | 60 | - |
| 79 | Benzene | C ₆ H ₆ | | Pure | - | - | - | - | 20 | - | 60 | 60 | - |
| 80 | Benzene Sulfonic Acid | C ₆ H ₅ SO ₃ H | | | - | - | - | - | - | - | 40 | 40 | - |
| 81 | Benzine | | | Pure | - | - | - | - | 40 | - | 60 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|
| 60 | 100 | 120 | 100 | 100 | 120 | 20 | 20 | 60 |
| 60 | 100 | 80 | 100 | 100 | 40 | 20 | 20 | 60 |
| 0 | 20 | 0 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 100 | 1 | 0 | 0 | 60 |
| 40 | 80 | 120 | 60 | 60 | 1 | 1 | 0 | 60 |
| 0 | 20 | 0 | 20 | 20 | 20 | 0 | 0 | 60 |
| 20 | 20 | 0 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 20 | 60 | 0 | 0 | 0 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 80 | 80 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 40 | 1 | 1 | 60 |
| 0 | 20 | 20 | 0 | 20 | 1 | 1 | 0 | 60 |
| 20 | 0 | 20 | 0 | 0 | 1 | 1 | 20 | 60 |
| 20 | 20 | 20 | 0 | 0 | 1 | 1 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 80 | 80 | 1 | 1 | 20 | 60 |
| 20 | 100 | 120 | 0 | 0 | 1 | 0 | 0 | 60 |
| 0 | 20 | 0 | 20 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 0 | 0 | 20 | 20 | 20 | 60 |
| 1 | 1 | 40 | 1 | 20 | 40 | 20 | 20 | 60 |
| 60 | 80 | 80 | 80 | 80 | 0 | 0 | 0 | 60 |
| 1 | 1 | 80 | 20 | 1 | 20 | 1 | 20 | 60 |
| 1 | 40 | 60 | 60 | 20 | 20 | 1 | 20 | 60 |
| 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 60 |
| 40 | 0 | 60 | 60 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 60 | 60 | 20 | 20 | 20 | 60 |
| 20 | 0 | 0 | 0 | 0 | 1 | 1 | 20 | 60 |
| 1 | 20 | 20 | 20 | 0 | 0 | 1 | 0 | 60 |
| 60 | 80 | 40 | 80 | 20 | 1 | 20 | 20 | 60 |
| 1 | 1 | 100 | 1 | 40 | 1 | 1 | 20 | 60 |
| 40 | 60 | 100 | 100 | 80 | 1 | 1 | 0 | 60 |
| 1 | 60 | 120 | 60 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 100 | 60 | 1 | 20 | 1 | 60 |
| 60 | 100 | 120 | 120 | 80 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 120 | 80 | 1 | 20 | 20 | 60 |
| 60 | 80 | 120 | 120 | 100 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 120 | 100 | 1 | 1 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 120 | 20 | 20 | 60 |
| 60 | 100 | 120 | 80 | 60 | 20 | 0 | 0 | 60 |
| 60 | 60 | 60 | 1 | 1 | 1 | 1 | 20 | 60 |
| 1 | 20 | 60 | 80 | 1 | 1 | 1 | 20 | 60 |
| 1 | 1 | 40 | 60 | 0 | 0 | 0 | 0 | 60 |
| 1 | 40 | 60 | 80 | 1 | 0 | 0 | 0 | 60 |

| | | | | | | | | | | | | | | |
|-----|------------------------|--|--|------|----|----|----|----|----|----|----|----|----|---|
| 82 | Benzoic Acid | C ₇ H ₅ O ₂ Na | | Pure | 40 | - | - | - | 40 | 40 | - | 60 | 60 | - |
| 83 | Benzoyl Chloride | C ₆ H ₅ COCL | | | - | - | - | - | - | - | - | 25 | - | - |
| 84 | Benzyl Alcohol | C ₆ H ₅ CH ₂ OH | | Pure | - | - | - | - | 60 | - | 60 | 60 | - | - |
| 85 | Benzyl Benzonate | C ₆ H ₅ CO ₂ CH-C ₆ H ₅ | | Satu | - | - | - | - | - | - | - | - | - | - |
| 86 | Benzyl Chloride | C ₆ H ₅ CH ₂ Cl | | Pure | - | - | - | - | - | - | - | 60 | 20 | - |
| 87 | Bismuth Carbonate | BiCO ₃ | | | - | - | - | - | - | - | - | - | 20 | - |
| 88 | Black Liquore | Fe(CH ₃ COO) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 89 | Bleaching Liquor | Ca(ClO) ₂ | | 5 | 40 | - | - | 40 | - | - | 40 | 60 | - | - |
| 90 | Bleaching Liquor | Ca(ClO) ₂ | | 12 | 20 | - | - | 20 | - | - | 20 | 60 | - | - |
| 91 | Boric Acid | H ₃ BO ₃ | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 | - |
| 92 | Brine(Sodium Chloride) | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 93 | Bromine Vapor | | | 25 | 20 | - | - | 20 | - | - | 60 | 60 | - | - |
| 94 | Bromine Water | | | Satu | 20 | - | - | 20 | - | - | 40 | 60 | - | - |
| 95 | Butadien | CH ₂ =CH-CH=CH ₂ | | Gas | 40 | - | - | 40 | - | - | 60 | 60 | - | - |
| 96 | Butane | CH ₃ (CH ₂) ₂ CH ₃ | | Gas | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 97 | Buthyl Acrylate | CH ₂ =CHCO ₂ (CH ₂) ₃ CH ₃ | | | - | - | - | - | - | - | - | 40 | - | - |
| 98 | Butyl Acetate | CH ₃ CO ₂ C ₄ H ₉ | | Pure | - | - | - | - | - | - | - | 40 | - | - |
| 99 | Butyl Alcohol | CH ₉ OH | | | 40 | - | - | 40 | 40 | - | 40 | 60 | - | - |
| 100 | Butyl Amine | CH ₃ (CH ₂) ₃ NH ₂ | | Satu | - | - | - | - | - | - | - | 20 | - | - |
| 101 | Butyl Bromide | CH ₃ (CH ₂) ₃ Br | | | - | - | - | - | - | - | - | 60 | - | - |
| 102 | Butyl Carbitol | CH ₂ CH ₂ OC ₄ H ₉ -CH ₂ CH ₂ OH | | Pure | - | - | - | - | - | - | - | 0 | - | - |
| 103 | Butyl Cellosolve | C ₄ H ₉ O(CH ₂) ₂ OH | | | - | - | - | - | - | - | 60 | 60 | - | - |
| 104 | Butyl Chloride | CH ₃ (CH ₂) ₃ Cl | | | - | - | - | - | - | - | - | 60 | - | - |
| 105 | Butyl Diol | | | | 20 | - | 20 | 20 | - | - | 60 | 60 | - | - |
| 106 | Butyl Ether | [CH ₃ (CH ₂) ₃] ₂ O | | | - | - | - | - | - | - | - | 40 | - | - |
| 107 | Butyl Mercaptan | CH ₃ (CH ₂) ₃ SH | | Pure | - | - | - | - | - | - | - | 60 | - | - |
| 108 | Butyl Phenol | C ₅ H ₄ (OH)(C ₄ H ₉) | | | - | - | - | - | - | - | - | 60 | - | - |
| 109 | Butyl Phtalate | C ₆ H ₄ (COOC ₄ H ₉)(COOH) | | | - | - | - | - | 40 | - | 40 | 40 | - | - |
| 110 | Butyl Stearate | | | Pure | - | - | - | - | - | - | 60 | 60 | - | - |
| 111 | Butylene | CH ₃ CH ₂ CH=CH ₂ | | | - | - | - | - | - | - | 60 | 60 | - | - |
| 112 | Butyric Acid | CH ₃ CH ₂ CH ₂ CO ₂ H | | | - | - | - | - | 20 | - | 20 | 60 | - | - |
| 113 | Caffein Citrate | | | | - | - | - | - | - | - | - | 60 | - | - |
| 114 | Calcium Acetate | Ca(CH ₃ COO) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 115 | Calcium Bisulfide CaS | | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 116 | Calcium Bisulfite | Ca(HSO ₃) ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 117 | Calcium Bromide | CaBr ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 118 | Calcium Carbonate | CaCO ₃ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 119 | Calcium Chlorate | Ca(ClO ₃) ₂ ·2H ₂ O | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 120 | Calcium Chloride | CaCl ₂ | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 | - |
| 121 | Calcium Hydroxide | Ca(OH) ₂ | | 50 | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - | - |
| 122 | Calcium Nitrate | Ca(NO ₃) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 123 | Calcium Sulfate | CaSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 124 | Calcium Sulfide | CaS | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - | - |
| 125 | Calsium Disulfide | Ca(HS ₂) ₂ | | | 20 | - | - | 20 | - | - | - | - | - | - |

| | | | | | | | | |
|----|-----|-----|-----|----|-----|----|----|----|
| 60 | 40 | 120 | 100 | 80 | 1 | 1 | 20 | 60 |
| 0 | 1 | 25 | 1 | 0 | 1 | 1 | 0 | 60 |
| 0 | 60 | 80 | 100 | 40 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 60 |
| 0 | 20 | 120 | 0 | 0 | 20 | 20 | 20 | 60 |
| 20 | 20 | 0 | 0 | 0 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 0 | 120 | 40 | 40 | 0 | 0 | 0 | 60 |
| 60 | 0 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 120 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 1 | 0 | 0 | 60 |
| 20 | 1 | 120 | 60 | 1 | 0 | 0 | 0 | 60 |
| 20 | 1 | 120 | 40 | 1 | 1 | 0 | 0 | 60 |
| 60 | 0 | 80 | 60 | 1 | 0 | 0 | 0 | 60 |
| 60 | 80 | 80 | 80 | 1 | 0 | 0 | 0 | 60 |
| 1 | 1 | 40 | 1 | 40 | 0 | 0 | 0 | 60 |
| 1 | 1 | 40 | 1 | 20 | 0 | 0 | 0 | 60 |
| 60 | 80 | 80 | 40 | 80 | 0 | 0 | 0 | 60 |
| 1 | 1 | 20 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 60 | 80 | 0 | 1 | 0 | 0 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 0 | 80 | 120 | 60 | 60 | 0 | 0 | 60 |
| 1 | 1 | 40 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 60 | 40 | 40 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 60 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 80 | 0 | 0 | 0 | 0 | 60 |
| 1 | 100 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 100 | 100 | 80 | 0 | 0 | 0 | 0 | 60 |
| 40 | 100 | 100 | 80 | 40 | 0 | 0 | 0 | 60 |
| 60 | 60 | 100 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 100 | 80 | 120 | 60 | 1 | 1 | 1 | 60 |
| 60 | 100 | 120 | 60 | 60 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 1 | 20 | 1 | 60 |
| 60 | 100 | 120 | 100 | 80 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 20 | 1 | 1 | 20 | 20 | 1 | 0 | 20 | 60 |

| | | | | | | | | | | | | | |
|-----|----------------------------|--|------|------|----|----|----|----|----|----|----|----|----|
| 126 | Calcium Hydrosulfate | CaHSO ₄ | | | - | - | - | - | - | - | 20 | 20 | |
| 127 | Calcium Oxide(Slaked Lime) | CaO | | | - | - | - | - | 20 | 20 | 20 | 20 | |
| 128 | Cane Sugar Liquor | | | | 40 | - | - | 40 | 60 | 0 | 60 | 60 | - |
| 129 | Caprylic Acid | CH ₃ (CH ₂) ₆ COOH | | Pure | - | - | - | - | - | - | - | 60 | - |
| 130 | Carbitol | HO(CO ₂) ₂ -O-(CH ₂) ₂ -OC ₂ H ₅ | | | 40 | - | - | 40 | - | - | - | - | - |
| 131 | Carbon Dichloride | CCl ₂ | | | - | - | - | - | - | - | - | - | 20 |
| 132 | Carbon Dioxide | CO ₂ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 133 | Carbon Disulfide | CS ₂ | | Pure | - | - | - | - | - | - | 20 | 20 | 20 |
| 134 | Carbon Monoxide | CO | | Gas | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 135 | Carbon Tetrachloride | CCl ₄ | | | - | - | - | - | 20 | - | 20 | 60 | - |
| 136 | Carbonic Acid (Phenol) | H ₂ CO ₃ | | | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 137 | Casein | | | | - | - | - | - | - | - | 60 | 60 | - |
| 138 | Castor Oil | | | Pure | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 139 | Caustic Potash | KOH | | 25 | - | - | 40 | - | - | - | - | 60 | - |
| 140 | Cellosolve | C ₂ H ₅ O(CH ₂) ₂ OH | | | - | - | - | - | - | - | - | 60 | - |
| 141 | Chloramine | CH ₃ -C ₆ H ₄ SO ₂ -NCINa(H ₂ O) ₃ | | | - | - | - | - | - | - | - | - | - |
| 142 | Chloric Acid | HClO ₃ | | 20 | - | - | - | - | - | - | - | 60 | - |
| 143 | Chlorinated Solvents | | | | - | - | - | - | - | - | - | - | - |
| 144 | Chlorine Dioxide | ClO ₂ | | 0.3 | - | - | - | - | - | - | - | 60 | - |
| 145 | Chlorine Dioxide | ClO ₂ | | 1 | - | - | - | - | - | - | - | 60 | - |
| 146 | Chlorine Gas (Dry) | Cl ₂ | | | 20 | - | - | 20 | - | - | 20 | 60 | - |
| 147 | Chlorine Gas (Wet) | Cl ₂ | | | - | - | - | - | - | - | - | 60 | - |
| 148 | Chlorine Water | Cl ₂ Aq | | 0.4 | - | - | - | - | - | - | - | 60 | - |
| 149 | Chloro Acetic Acid | | | | 20 | - | - | 20 | - | - | 20 | 20 | - |
| 150 | Chloro Benzene | C ₆ H ₅ Cl | | Pure | - | - | - | - | 20 | - | 20 | 60 | - |
| 151 | Chloro Benzyl Chloride | | | | - | - | - | - | - | - | - | - | 20 |
| 152 | Chloro Sulfonic Acid | SO ₂ Cl(OH) | | Pure | - | - | - | - | - | - | - | - | - |
| 153 | Chloroform | CHCl ₃ | | Pure | - | - | - | - | - | - | 20 | 60 | - |
| 154 | Chlorosene | | | | - | - | - | - | - | - | - | - | - |
| 155 | Chlorosulfuric Acid | HSO ₃ Cl | | | - | - | - | - | - | - | - | - | - |
| 156 | Chromic Acid | H ₂ CrO ₄ | | 10 | 40 | - | - | 40 | - | - | 60 | 60 | - |
| 157 | Chromic Acid | H ₂ CrO ₄ | | 20 | 20 | - | - | 20 | - | - | 60 | 60 | - |
| 158 | Chromic Acid | H ₂ CrO ₄ | | 40 | - | - | - | - | - | - | - | 60 | - |
| 159 | Chromic Acid | H ₂ CrO ₄ | | 50 | - | - | - | - | - | - | - | 50 | - |
| 160 | Chromium Alum | KCr(SO ₄) ₂ | | | 20 | - | - | 20 | 60 | - | 60 | 60 | - |
| 161 | Citric Acid | C ₆ H ₈ O ₇ | | 10 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 162 | Citric Acid | (CH ₂ COOH) ₂ C(OH)COOH | 1.33 | 50 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 163 | Coconut Oil | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 164 | Coke Oven Gas | | | | - | - | - | - | - | - | 60 | 60 | - |
| 165 | Colophonium | | | | - | - | - | - | 20 | 20 | 20 | 20 | 20 |
| 166 | Copper Acetate | Cu(CH ₃ COO) ₂ -H ₂ O | | Satu | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 60 | 20 |
| 167 | Copper Borofluoride | CuBF ₄ | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 168 | Copper Carbonate | CuCO ₃ | | | 20 | - | 20 | 20 | 20 | - | 20 | 60 | - |
| 169 | Copper Chloride | CuCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 170 | Copper Cyanide | CuCN | | | 20 | - | 20 | 20 | 20 | - | 20 | 60 | - |

| | | | | | | | | | |
|----|-----|-----|-----|-----|----|----|----|----|----|
| 20 | 20 | 20 | 0 | 0 | 20 | 20 | 20 | 20 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 20 | 0 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 120 | 0 | 0 | 20 | 0 | 0 | 60 | |
| 40 | 0 | 0 | 40 | 20 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 60 | |
| 60 | 80 | 120 | 100 | 100 | 20 | 20 | 20 | 60 | |
| 1 | 1 | 20 | 20 | 1 | 20 | 20 | 20 | 60 | |
| 60 | 100 | 100 | 80 | 60 | 0 | 0 | 0 | 60 | |
| 1 | 20 | 60 | 20 | 1 | 1 | 1 | 20 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 1 | 20 | 20 | 60 | |
| 0 | 0 | 120 | 80 | 80 | 0 | 0 | 0 | 60 | |
| 60 | 100 | 120 | 60 | 60 | 20 | 20 | 20 | 60 | |
| 60 | 40 | 60 | 1 | 100 | 60 | 0 | 0 | 60 | |
| 0 | 40 | 60 | 1 | 20 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 60 | 0 | 80 | 0 | 0 | 1 | 20 | 0 | 60 | |
| 0 | 0 | 0 | 20 | 1 | 0 | 0 | 0 | 60 | |
| 20 | 1 | 60 | 1 | 0 | 1 | 0 | 0 | 60 | |
| 1 | 1 | 60 | 1 | 0 | 1 | 0 | 0 | 60 | |
| 60 | 1 | 120 | 20 | 20 | 1 | 1 | 1 | 60 | |
| 20 | 1 | 120 | 1 | 1 | 1 | 0 | 0 | 60 | |
| 40 | 1 | 120 | 1 | 20 | 1 | 0 | 0 | 60 | |
| 20 | 1 | 20 | 20 | 1 | 1 | 20 | 20 | 60 | |
| 1 | 20 | 60 | 20 | 1 | 1 | 0 | 0 | 60 | |
| 0 | 1 | 1 | 20 | 1 | 20 | 20 | 20 | 60 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 60 | |
| 1 | 1 | 60 | 20 | 1 | 20 | 0 | 20 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 60 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 60 | |
| 40 | 1 | 120 | 80 | 20 | 1 | 1 | 20 | 60 | |
| 20 | 1 | 120 | 60 | 20 | 1 | 1 | 20 | 60 | |
| 20 | 1 | 100 | 1 | 1 | 1 | 1 | 20 | 60 | |
| 1 | 1 | 50 | 1 | 1 | 1 | 1 | 20 | 60 | |
| 20 | 60 | 120 | 100 | 100 | 0 | 0 | 0 | 60 | |
| 60 | 100 | 100 | 100 | 100 | 60 | 20 | 20 | 60 | |
| 40 | 40 | 80 | 20 | 20 | 20 | 20 | 20 | 60 | |
| 60 | 80 | 120 | 60 | 40 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 120 | 60 | 40 | 0 | 0 | 0 | 60 | |
| 0 | 20 | 20 | 20 | 20 | 20 | 20 | 0 | 60 | |
| 20 | 20 | 120 | 60 | 40 | 40 | 20 | 1 | 60 | |
| 20 | 20 | 120 | 20 | 100 | 0 | 0 | 0 | 60 | |
| 20 | 20 | 120 | 20 | 20 | 40 | 1 | 1 | 60 | |
| 60 | 100 | 120 | 100 | 100 | 1 | 1 | 20 | 60 | |
| 20 | 100 | 100 | 20 | 20 | 20 | 0 | 20 | 60 | |

| | | | | | | | | | | | | | |
|-----|-------------------------|--|--|------|----|----|----|----|----|----|----|----|----|
| 171 | Copper Fluoride | CuF | | Satu | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 172 | Copper Sulfate | CuSO ₄ | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 173 | Corn Oil | | | | 20 | 20 | 20 | 20 | 60 | 20 | 60 | 60 | 20 |
| 174 | Corn Syroup | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 175 | Cottonseed Oil | | | | - | - | - | - | 60 | 20 | 60 | 60 | 20 |
| 176 | Cresol | C ₆ H ₄ (CH ₃)OH | | Pure | - | - | - | - | - | - | 60 | 60 | 20 |
| 177 | Cresote | | | | - | - | - | - | - | - | - | - | - |
| 178 | Croton Aldehyde | CH ₃ -CH=CH-CHO | | | - | - | - | - | - | - | 20 | 60 | - |
| 179 | Crude Oil | | | | 20 | - | - | 20 | - | - | 20 | 60 | 20 |
| 180 | Cryolite | NaAlF ₆ | | | - | - | - | - | - | - | - | 60 | - |
| 181 | Cupric Fluoride | CuF ₂ H ₂ O | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 182 | Cupric(Copper) Nitrate | Cu(NO ₃) ₂ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 183 | Cuprous Chloride | CuCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 184 | Cyclohexane | C ₆ H ₁₂ | | | - | - | - | - | - | - | 40 | 60 | - |
| 185 | Cyclohexanol | C ₆ H ₁₁ OH | | Pure | - | - | - | - | - | - | - | - | - |
| 186 | Cyclohexanone | C ₆ H ₁₀ O | | Pure | - | - | - | - | - | - | 40 | 60 | 20 |
| 187 | Deazo Solt | | | | - | - | - | - | 20 | - | 20 | 20 | 20 |
| 188 | Decaline | C ₁₀ H ₁₆ | | Pure | - | - | - | - | - | - | 20 | 60 | - |
| 189 | Decane | CH ₃ (CH ₂) ₈ CH ₃ | | Pure | - | - | - | - | - | - | - | - | - |
| 190 | Dextrine | | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 191 | Diacetone | | | Pure | - | - | - | - | - | - | - | - | - |
| 192 | Diacetone Alcohol | CH ₃ COCH ₂ C(OH)(OH) ₂ | | | - | - | - | - | - | 20 | - | 20 | 20 |
| 193 | Diacetone Alcohol | (CH ₃) ₂ C(OH)CH ₂ COCH ₃ | | Pure | - | - | - | - | - | - | - | 40 | - |
| 194 | Dibenzyl Ether | C ₆ H ₅ CH ₂ OCH ₂ C ₆ H ₅ | | Pure | - | - | - | - | - | - | - | 40 | - |
| 195 | Dibutyl Amine | (C ₄ H ₉) ₂ NH | | Pure | - | - | - | - | - | - | - | 20 | - |
| 196 | Dibutyl Ether | [CH ₃ (CH ₂) ₃] ₂ O | | | - | - | - | - | - | - | - | 40 | - |
| 197 | Dibutyl Phthalate | C ₆ H ₄ (COOH ₄ H ₉) ₂ | | Pure | - | - | - | - | 20 | 20 | 20 | 40 | 20 |
| 198 | Dibutyl Sebacate | H ₉ C ₄ OOC-(CH ₂) ₈ -COOC ₄ -H ₉ | | | - | - | - | - | - | - | - | 40 | - |
| 199 | Dichlorethane | C ₂ H ₄ CL ₂ | | | - | - | - | - | - | - | - | - | - |
| 200 | Dichloro Benzen | C ₆ H ₄ Cl ₂ | | Pure | - | - | - | - | 20 | - | 20 | 60 | 20 |
| 201 | Dichlorobenzyl Chloride | C ₆ H ₅ CHCL ₂ | | | - | - | - | - | - | - | - | 20 | - |
| 202 | Dichloroethylene | CH ₂ =CCl ₂ | | Pure | - | - | - | - | - | - | 20 | 60 | 20 |
| 203 | Dichloroisopropyethel | Cl-CH ₂ -CH-O-CH-CH ₂ -Cl | | Pure | - | - | - | - | - | - | - | 40 | - |
| 204 | Diesel Fuel | | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 205 | Diethylamine | (C ₂ H ₅) ₂ NH | | Pure | - | - | - | - | 20 | - | 20 | 20 | - |
| 206 | Diethylbenzene | | | | - | - | - | - | - | - | - | - | 20 |
| 207 | Diethylcellosolve | CH ₂ CH ₂ (OC ₂ H ₅) ₂ | | | - | - | - | - | - | - | - | - | 20 |
| 208 | Diethylene Glycol | | | | 20 | - | - | 20 | 20 | - | 20 | 20 | 20 |
| 209 | Diethylether | C ₂ H ₅ OC ₂ H ₅ | | Pure | - | - | - | - | - | - | - | 40 | - |
| 210 | Dietylene Triamine | H ₅ N(CH ₂ CH ₂ NH) ₂ H | | | - | - | - | - | - | - | 20 | 40 | 20 |
| 211 | Diglycolic Acid | (HO ₂ CCH ₂) ₂ O+H ₂ O | | Satu | 20 | - | - | 20 | 20 | - | 20 | 20 | - |
| 212 | Diisobtylene | C ₈ H ₁₆ | | Pure | - | - | - | - | - | - | 40 | 60 | 20 |
| 213 | Diisobuty Keton | [(CH ₃) ₂ CHCH ₂] ₂ CO | | Pure | - | - | - | - | - | - | - | - | 20 |
| 214 | Diisoprppyl Ketone | [(CH ₃) ₂ CH ₂] ₂ CO | | Pure | - | - | - | - | - | - | - | - | - |
| 215 | Dimethyl Amine | (CH ₃) ₂ NH | | | - | - | - | - | 20 | - | 20 | 20 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|
| 60 | 60 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 100 | 60 | 20 | 20 | 60 |
| 20 | 60 | 120 | 60 | 40 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 0 | 100 | 120 | 100 | 60 | 20 | 20 | 20 | 60 |
| 1 | 1 | 80 | 60 | 1 | 20 | 20 | 20 | 60 |
| 1 | 0 | 0 | 20 | 1 | 1 | 1 | 0 | 60 |
| 0 | 0 | 80 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 0 | 120 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 120 | 20 | 0 | 60 |
| 60 | 80 | 120 | 100 | 100 | 0 | 0 | 0 | 60 |
| 1 | 1 | 80 | 40 | 1 | 0 | 0 | 0 | 60 |
| 1 | 40 | 80 | 40 | 20 | 1 | 1 | 1 | 1 |
| 1 | 1 | 80 | 40 | 1 | 20 | 20 | 20 | 60 |
| 0 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 60 |
| 0 | 1 | 80 | 20 | 1 | 0 | 0 | 0 | 60 |
| 20 | 20 | 80 | 20 | 1 | 1 | 1 | 1 | 1 |
| 60 | 100 | 120 | 100 | 80 | 20 | 20 | 20 | 60 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 20 | 20 | 1 | 20 | 20 | 20 | 20 | 60 |
| 1 | 40 | 40 | 1 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 40 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 40 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 20 | 40 | 20 | 40 | 20 | 20 | 20 | 60 |
| 0 | 0 | 40 | 1 | 20 | 0 | 0 | 0 | 60 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 20 | 60 |
| 0 | 20 | 60 | 20 | 1 | 20 | 20 | 20 | 60 |
| 0 | 20 | 20 | 1 | 20 | 0 | 0 | 0 | 60 |
| 0 | 1 | 60 | 20 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 120 | 20 | 20 | 120 | 20 | 20 | 60 |
| 1 | 40 | 20 | 20 | 20 | 1 | 1 | 20 | 60 |
| 0 | 1 | 0 | 20 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 1 | 20 | 20 | 20 | 60 |
| 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 60 |
| 1 | 1 | 40 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 40 | 20 | 20 | 20 | 20 | 20 | 60 |
| 40 | 20 | 20 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 40 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 1 | 1 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 1 | 1 | 20 | 0 | 0 | 0 | 60 |
| 1 | 40 | 20 | 20 | 60 | 20 | 1 | 1 | 60 |

| | | | | | | | | | | | | | |
|-----|---|---|--|------|-----|----|----|----|----|----|----|----|----|
| 260 | Ferrous(Iron) Chloride | FeCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 261 | Ferrous(Iron) Hydroxide | Fe(OH) ₂ | | Satu | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |
| 262 | Ferrous(Iron) Sulfate | FeSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 263 | Fluorine Gas | F ₂ | | | - | 20 | - | - | - | - | - | - | - |
| 264 | Fluoroboric Acid(Hydrogen Terafluoroborat | HBF ₄ | | Pure | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 265 | Fluosilicic Acid | H ₂ SiF ₆ | | 50 | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 266 | Formaldehyde | HCHO | | 35 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 267 | Formalin | HCHO | | 40 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 268 | Formic Acid | HCOOH | | 90 | - | 20 | - | - | - | 20 | - | 60 | - |
| 269 | Freon-11 | CCl ₃ F | | | 20 | - | - | 20 | - | - | 20 | 60 | 20 |
| 270 | Freon-113 | CClF ₂ -CClF ₂ | | | 20 | - | - | 20 | - | - | 20 | 60 | 20 |
| 271 | Freon-114 | CClF ₂ -CCLF ₂ | | | 20 | - | - | 20 | - | - | 40 | 60 | 0 |
| 272 | Freon-12 | CCl ₂ F ₂ | | | 20 | 20 | 20 | 20 | - | - | 20 | 60 | 20 |
| 273 | Freon-21 | CHCl ₂ F | | | - | - | - | - | - | - | - | 60 | 20 |
| 274 | Freon-22 | CHClF ₂ | | | - | - | - | - | - | - | - | 60 | - |
| 275 | Fructose (Fruit Suger) | | | | 40 | - | - | 40 | - | - | 60 | 60 | - |
| 276 | Fuel Oil | | | | - | - | - | - | - | - | - | - | - |
| 277 | Fuming Sulfric Acid | H ₄ SO ₄ +SO ₃ | | | - | - | - | - | - | - | - | - | - |
| 278 | Furan | | | | - | - | - | - | - | - | - | - | - |
| 279 | Furfural | C ₅ H ₄ O ₂ | | Pure | - | - | - | - | - | - | 40 | 60 | - |
| 280 | Furfuryl Alchool | C ₅ H ₆ O ₂ | | Pure | - | - | - | - | - | - | - | - | - |
| 281 | Furric Sulfide | Fe ₂ S | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 282 | Gallic Acid | C ₇ H ₆ O ₅ ·H ₂ O | | | - | - | - | - | - | - | 20 | 40 | - |
| 283 | Gasoline | | | | - | - | - | - | - | - | 60 | 60 | 20 |
| 284 | Gasoline-Sour | | | | 20 | - | - | 20 | - | - | 20 | 60 | - |
| 285 | Gelatin | | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 286 | Gin | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 287 | Glacial Acetic Acid | | | | - | - | - | - | 20 | - | 20 | 60 | - |
| 288 | Glucose | C ₆ H ₁₂ O ₆ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 289 | Glue | | | | - | - | - | - | - | - | 60 | 60 | - |
| 290 | Glycerine | C ₃ H ₅ (OH) ₃ | | 1.46 | 100 | - | - | - | - | - | - | - | - |
| 291 | Glycerol | C ₃ H ₅ (OH) ₃ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 292 | Glycolic Acid | CH ₂ (OH)COOH | | Satu | - | - | - | - | 20 | - | 20 | 40 | - |
| 293 | Grape Suger | C ₆ H ₁₂ O ₆ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 294 | Heavy Oil | | | | - | - | - | - | - | - | - | - | - |
| 295 | Heptane | CH ₃ (CH ₂) ₅ CH ₃ | | | 40 | - | - | 40 | 40 | - | 60 | 60 | 20 |
| 296 | Hexane | C ₅ H ₁₄ | | | 20 | - | - | 20 | 20 | - | 20 | 60 | 20 |
| 297 | Hexyl Alcohol(Hexanol) | CH ₃ (CH ₂) ₅ OH | | | 40 | 20 | 20 | 40 | 20 | 20 | 60 | 60 | 20 |
| 298 | Hydrazine | H ₂ N-NH ₂ | | Pure | - | - | - | - | - | - | - | - | - |
| 299 | Hydrobromic Acid | HBr | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 300 | Hydrocfluric Acid | HF | | 50 | 20 | 20 | - | 20 | - | - | 60 | 60 | - |
| 301 | Hydrochloric Acid | HCl | | 15 | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 302 | Hydrochloric Acid | HCl | | 25 | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 303 | Hydrochloric Acid | HCl | | 35 | 40 | 20 | - | 40 | 40 | 20 | 40 | 60 | - |
| 304 | Hydrochloric Acid | HCl | | 38 | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 305 | Hydrocyanic Acid(Prussic Acid) | HCN | | 10 | 20 | - | - | 20 | 20 | - | 20 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|-----|----|
| 40 | 100 | 120 | 100 | 100 | 1 | 1 | 20 | 60 |
| 60 | 80 | 120 | 100 | 80 | 20 | 1 | 1 | 60 |
| 60 | 100 | 120 | 100 | 100 | 1 | 1 | 20 | 60 |
| 60 | 1 | 120 | 60 | 60 | 1 | 20 | 1 | 1 |
| 60 | 80 | 120 | 80 | 80 | 1 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 100 | 1 | 0 | 0 | 60 |
| 40 | 80 | 60 | 80 | 80 | 20 | 20 | 20 | 60 |
| 40 | 80 | 60 | 80 | 80 | 20 | 20 | 20 | 60 |
| 40 | 40 | 80 | 1 | 100 | 1 | 20 | 100 | 60 |
| 60 | 0 | 120 | 20 | 1 | 20 | 20 | 20 | 60 |
| 20 | 0 | 120 | 20 | 1 | 20 | 20 | 20 | 60 |
| 20 | 0 | 120 | 40 | 1 | 0 | 0 | 0 | 60 |
| 60 | 0 | 120 | 20 | 20 | 20 | 20 | 20 | 60 |
| 1 | 0 | 120 | 1 | 1 | 20 | 20 | 20 | 60 |
| 1 | 0 | 120 | 1 | 20 | 0 | 0 | 0 | 60 |
| 60 | 0 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 1 | 1 | 1 | 1 | 60 | 0 | 0 | 60 |
| 0 | 0 | 1 | 1 | 1 | 20 | 0 | 0 | 60 |
| 0 | 1 | 100 | 40 | 100 | 0 | 0 | 0 | 60 |
| 0 | 20 | 1 | 1 | 1 | 20 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 0 | 0 | 0 | 60 |
| 0 | 0 | 40 | 20 | 20 | 0 | 0 | 0 | 60 |
| 1 | 1 | 80 | 80 | 1 | 20 | 20 | 20 | 60 |
| 60 | 1 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 1 | 20 | 80 | 20 | 1 | 1 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 0 | 0 | 0 | 60 |
| 0 | 0 | 120 | 100 | 80 | 100 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 40 | 20 | 20 | 60 |
| 0 | 100 | 40 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 0 | 0 | 0 | 60 |
| 1 | 1 | 0 | 1 | 1 | 120 | 0 | 0 | 60 |
| 60 | 40 | 80 | 60 | 1 | 20 | 20 | 20 | 60 |
| 40 | 40 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 20 | 80 | 120 | 40 | 20 | 20 | 20 | 60 |
| 1 | 1 | 1 | 1 | 20 | 1 | 20 | 20 | 60 |
| 60 | 100 | 120 | 80 | 80 | 0 | 0 | 0 | 60 |
| 20 | 1 | 120 | 100 | 60 | 1 | 20 | 20 | 60 |
| 60 | 80 | 120 | 80 | 60 | 1 | 20 | 20 | 60 |
| 60 | 80 | 120 | 80 | 60 | 1 | 20 | 20 | 60 |
| 60 | 80 | 120 | 40 | 40 | 1 | 20 | 20 | 60 |
| 60 | 80 | 120 | 40 | 1 | 1 | 20 | 20 | 60 |
| 60 | 60 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |

| | | | | | | | | | | | | | |
|-----|------------------------------|--|--|--------|----|----|----|----|----|----|----|----|----|
| 306 | Hydrofluoric Acid | HF | | Dilute | 40 | 20 | - | 40 | - | - | 60 | 60 | - |
| 307 | Hydrofluoric Acid | HF | | 30 | 40 | 20 | - | 40 | - | - | 60 | 60 | - |
| 308 | Hydrofluoric Acid | HF | | 40 | 20 | 20 | - | 20 | - | - | 60 | 60 | - |
| 309 | Hydrogen | H ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 310 | Hydrogen Fluoride(Anhydrous) | HF | | | - | - | - | - | - | - | - | 60 | - |
| 311 | Hydrogen Peroxide | H ₂ O ₂ | | 5 | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 312 | Hydrogen Peroxide | H ₂ O ₂ | | 20 | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 313 | Hydrogen Peroxide | H ₂ O ₂ | | 30 | 20 | - | - | 20 | 60 | - | 60 | 60 | - |
| 314 | Hydrogen Peroxide | H ₂ O ₂ | | 50 | 20 | - | - | 20 | - | - | 40 | 60 | - |
| 315 | Hydrogen Peroxide | H ₂ O ₂ | | 90 | - | - | - | - | - | - | 20 | 60 | - |
| 316 | Hydrogen Sulfide(Aqueous) | H ₂ S | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 317 | Hydrogen Sulfide(Dry) | H ₂ S | | | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 318 | Hydroiodic Acid | HI | | | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 319 | Hydroquinone | C ₆ H ₄ (OH) ₂ | | Satu | 40 | 20 | 20 | 40 | - | - | 40 | 60 | 20 |
| 320 | Hypochlorous Acid | HClO | | 10 | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 321 | Iodine | I ₂ | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 322 | Iodine Solution | | | 10 | - | - | - | - | - | - | 0 | 60 | - |
| 323 | Isobutyl Alcohol | (CH ₃) ₂ CHCH ₂ OH | | Pure | - | - | - | - | - | - | 20 | 60 | - |
| 324 | Iso-Octane | C ₈ H ₁₈ | | | - | - | - | - | - | - | 20 | 60 | 20 |
| 325 | Isophorone | | | Pure | - | - | - | - | - | - | - | - | - |
| 326 | Isopropyl Acetate | CH ₃ COOCH(CH ₃) ₂ | | | - | - | - | - | - | - | - | - | - |
| 327 | Isopropyl Alcohol | (CH ₃) ₂ CHOH | | Pure | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 328 | Isopropyl Chloride | (CH ₃) ₂ CHCl | | | - | - | - | - | - | - | 20 | 40 | - |
| 329 | Isopropyl Ether | (CH ₃) ₂ CH-O-CH(CH ₃) ₂ | | Pure | - | - | - | - | - | - | - | 40 | 20 |
| 330 | Jet Fuel Jp-4 | | | | 20 | - | - | 20 | - | - | 20 | 60 | 20 |
| 331 | Jet Fuel Jp-5 | | | | 20 | - | - | 20 | - | - | 20 | 60 | 20 |
| 332 | Kerosene | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | 20 |
| 333 | Lacquer | | | | - | - | - | - | - | - | - | - | - |
| 334 | Lactic Acid | CH ₃ CH(OH)COOH | | 25 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 335 | Lauric Acid | CH ₃ (CH ₂) ₁₀ COOH | | | - | - | - | - | 20 | - | 20 | 60 | - |
| 336 | Lauroyl Chloride | C ₁₂ H ₂₃ OCl | | Pure | - | - | - | - | - | - | - | 60 | - |
| 337 | Lead Acetate | Pb(CH ₃ COO) ₂ ·3H ₂ O | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 338 | Lead Chloride | PbCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 339 | Lead Nitrate | Pb(NO ₃) ₂ | | Satu | - | - | 40 | - | - | - | - | - | - |
| 340 | Lead Sulfate | PbSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 341 | Lemon Oil | | | | - | - | - | - | - | - | - | 60 | - |
| 342 | Linolenic Acid | CH ₃ (CH=CH-CH ₂) ₃ (CH ₂) ₇ COOH | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 343 | Linolenic Oil | | | | - | - | - | - | - | - | - | 60 | - |
| 344 | Linseed Oil | | | | 40 | 20 | 20 | 40 | 40 | 20 | 40 | 60 | 20 |
| 345 | Lithium Bromide | LiBr | | | 40 | - | - | 40 | - | - | 60 | 60 | - |
| 346 | Lithium Chloride | LiCl | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 347 | Lithium hydroxide | | | | - | - | - | - | 20 | 20 | 20 | 20 | 20 |
| 348 | Lubricating Oil | (ASTM1) | | | 40 | - | - | 40 | - | - | 60 | 60 | 20 |
| 349 | Lubricating Oil | (ASTM2) | | | - | - | - | - | - | - | - | 60 | 20 |
| 350 | Lubricating Oil | (ASTM3) | | | 40 | - | - | 40 | 20 | - | 60 | 60 | 20 |
| 351 | Machine Oil | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|
| 40 | 1 | 120 | 120 | 100 | 1 | 20 | 20 | 60 |
| 40 | 1 | 120 | 100 | 80 | 1 | 20 | 20 | 60 |
| 20 | 1 | 120 | 100 | 40 | 1 | 20 | 20 | 60 |
| 60 | 80 | 100 | 60 | 60 | 0 | 0 | 0 | 60 |
| 0 | 0 | 120 | 1 | 20 | 0 | 0 | 0 | 60 |
| 40 | 80 | 120 | 80 | 60 | 60 | 0 | 0 | 60 |
| 40 | 80 | 120 | 80 | 60 | 0 | 0 | 0 | 60 |
| 20 | 60 | 120 | 80 | 20 | 0 | 0 | 0 | 60 |
| 20 | 1 | 120 | 40 | 1 | 20 | 0 | 0 | 60 |
| 0 | 0 | 80 | 20 | 1 | 1 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 100 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 100 | 120 | 0 | 0 | 60 |
| 40 | 40 | 120 | 40 | 40 | 1 | 0 | 0 | 60 |
| 60 | 0 | 80 | 40 | 20 | 20 | 20 | 0 | 60 |
| 40 | 60 | 120 | 40 | 40 | 0 | 0 | 0 | 60 |
| 20 | 80 | 120 | 20 | 1 | 20 | 0 | 0 | 60 |
| 40 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 60 |
| 60 | 60 | 80 | 100 | 60 | 20 | 20 | 20 | 60 |
| 0 | 0 | 40 | 20 | 1 | 0 | 0 | 0 | 60 |
| 0 | 20 | 40 | 1 | 1 | 20 | 20 | 20 | 60 |
| 20 | 0 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 20 | 0 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 40 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 1 | 1 | 20 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 100 | 20 | 20 | 20 | 60 |
| 0 | 20 | 120 | 20 | 0 | 20 | 0 | 0 | 60 |
| 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 80 | 80 | 40 | 20 | 20 | 60 |
| 60 | 60 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 80 | 100 | 100 | 80 | 120 | 1 | 1 | 1 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 0 | 1 | 120 | 0 | 0 | 20 | 0 | 0 | 60 |
| 60 | 20 | 120 | 20 | 1 | 20 | 0 | 0 | 60 |
| 60 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 40 | 20 | 20 | 20 | 20 | 60 |
| 60 | 0 | 120 | 100 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 80 | 40 | 20 | 20 | 20 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 0 | 120 | 100 | 0 | 120 | 20 | 20 | 60 |
| 60 | 0 | 120 | 0 | 0 | 120 | 20 | 20 | 60 |
| 60 | 20 | 120 | 100 | 1 | 120 | 20 | 20 | 60 |
| 60 | 60 | 100 | 60 | 1 | 0 | 0 | 0 | 60 |

| | | | | | | | | | | | | | |
|-----|--------------------------|--|------|------|----|----|----|----|----|----|----|----|----|
| 352 | magnasium Carbonate | MgCO ₃ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 353 | Magnasium Citrate | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 354 | Magnesium Hydroxide | Mg(OH) ₂ | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 355 | Magnesium Carbonate | MgCO ₃ | 1.0 | | - | - | - | - | - | - | - | - | - |
| 356 | Magnesium Chloride | MgCl ₂ | | Satu | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 357 | Magnesium Fluoride | MgF ₂ | | | - | - | - | - | - | - | - | - | - |
| 358 | Magnesium Hypochloride | Mg(Ocl) ₂ | | | - | - | - | - | - | - | - | - | - |
| 359 | Magnesium Nitrate | Mg(NO ₃) ₂ ·6H ₂ O | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 360 | Magnesium Sulfate | MgSO ₄ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 361 | Magnesium Sulphate | MgSO ₄ | 1.19 | 25.2 | - | - | - | - | - | - | - | - | - |
| 362 | Maleic Acid | (CHCOO) ₂ | | | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 363 | Malic Acid | C ₄ H ₆ O ₅ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 364 | Manganse Chloride | MnCl ₂ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 365 | Manganse Sulfate | MnSO ₄ | | | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |
| 366 | Mercuric Chloride | HgCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 367 | Mercuric Cyanide | Hg(CN) ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 368 | Mercuric Sulfate | HgSO ₄ | | Satu | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 369 | Mercurous Nitrate | Hg(NO ₃) ₂ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 370 | Mercury | Hg | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 371 | Mercury Fulminate | | | | - | - | - | - | - | - | - | 20 | - |
| 372 | Methane | CH ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 373 | Methane Sulfonic Acid | CH ₃ SO ₃ H | | | - | - | - | - | - | - | 0 | 40 | - |
| 374 | Methyl Acetate | CH ₃ COOCH ₃ | | Pure | - | - | - | - | - | 20 | - | 40 | 20 |
| 375 | Methyl Acrylate | CH ₂ CHCOOCH ₃ | | Pure | - | - | - | - | - | - | 20 | 40 | 20 |
| 376 | Methyl Alcohol | CH ₃ OH | | | 40 | 20 | - | 40 | 40 | 20 | 40 | 60 | - |
| 377 | Methyl Amine | CH ₃ NH ₂ | | | - | - | - | - | - | - | - | - | 20 |
| 378 | Methyl Bromide | CH ₃ Br | | | - | - | - | - | - | - | - | 60 | 0 |
| 379 | Methyl Cellosolve | HOCH ₂ CH ₂ OCH ₃ | | | - | - | - | - | - | - | - | 60 | 0 |
| 380 | Methyl Chloride | CH ₃ Cl | | | - | - | - | - | - | - | - | 60 | 20 |
| 381 | Methyl Chloroform | CH ₃ CCl ₃ | | | - | - | - | - | - | - | 20 | 60 | - |
| 382 | Methyl Ether | (CH ₃) ₂ O | | | - | - | - | - | - | - | - | - | - |
| 383 | Methyl Ethyl Ketone | CH ₃ COC ₂ H ₅ | | | - | - | - | - | - | 20 | - | - | 20 |
| 384 | Methyl Formate | HCOOCH ₃ | | | - | - | - | - | - | - | - | - | - |
| 385 | Methyl Isobutyl Carbinol | (CH ₃) ₂ CHCH ₂ CH(OH)(CH ₃) | | | - | - | - | - | - | - | - | - | - |
| 386 | Methyl Isobutyl Ketone | (CH ₃) ₂ CHCH ₂ COCH ₃ | | | - | - | - | - | - | - | - | - | - |
| 387 | Methyl Isopropyl Ketone | (CH ₃) ₂ CH-C-CH ₃ | | | - | - | - | - | - | - | - | - | - |
| 388 | Methyl Methacrylate | CH ₂ C(CH ₃)COOCH ₃ | | | - | - | - | - | - | - | - | 20 | - |
| 389 | Methyl Salicylate | C ₈ H ₈ O ₃ | | | - | - | - | - | - | - | - | - | - |
| 390 | Methyl Sulfoxide | (CH ₃) ₂ SO | | | - | - | - | - | - | - | - | - | - |
| 391 | Methylene Bromide | CH ₂ Br ₂ | | | - | - | - | - | - | - | 20 | 60 | - |
| 392 | Methylene Chloride | CH ₂ Cl ₂ | | | - | - | - | - | - | - | - | 40 | 20 |
| 393 | Methylene Iodide | CH ₂ I ₂ | | | - | - | - | - | - | - | 60 | 60 | - |
| 394 | Milk | | | | - | - | - | - | - | - | - | 60 | - |
| 395 | Mineral Oil | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | 20 |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|
| 60 | 100 | 120 | 100 | 80 | 100 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 100 | 60 | 20 | 20 | 60 |
| 20 | 20 | 50 | 20 | 20 | 1 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 100 | 60 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 60 | 1 | 20 | 0 | 60 |
| 60 | 100 | 120 | 60 | 100 | 20 | 20 | 20 | 60 |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 |
| 40 | 100 | 120 | 100 | 80 | 20 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 60 | 1 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 20 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |
| 20 | 20 | 120 | 20 | 20 | 20 | 20 | 0 | 60 |
| 60 | 80 | 120 | 20 | 20 | 60 | 20 | 20 | 60 |
| 0 | 20 | 20 | 0 | 0 | 20 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 20 | 40 | 1 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 40 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 80 | 80 | 40 | 80 | 1 | 20 | 20 | 60 |
| 1 | 1 | 1 | 20 | 20 | 20 | 20 | 20 | 60 |
| 0 | 1 | 80 | 0 | 20 | 20 | 0 | 0 | 60 |
| 0 | 0 | 60 | 0 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 60 | 1 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 60 | 20 | 1 | 20 | 0 | 0 | 60 |
| 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 60 |
| 1 | 20 | 1 | 1 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 60 |
| 1 | 20 | 0 | 1 | 20 | 20 | 0 | 0 | 60 |
| 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 20 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 20 | 1 | 20 | 0 | 0 | 60 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 20 | 1 | 0 | 0 | 0 | 60 |
| 1 | 1 | 40 | 1 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 80 | 100 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 40 | 40 | 120 | 20 | 1 | 20 | 20 | 20 | 60 |

| | | | | | | | | | | | | | |
|-----|--|--|------|------|----|----|----|----|----|----|----|----|----|
| 441 | Perchloric Acid | HClO ₄ | | 70 | - | - | - | - | - | - | - | 40 | - |
| 442 | Perchloroethylene | CCl ₂ CCl ₂ | 1.62 | 100 | - | - | - | - | - | - | - | - | - |
| 443 | Perphoshate | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 444 | Petroleum Oil | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 445 | Phenol (Carbonic Acid) | C ₆ H ₅ OH | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 446 | Phenyl Disulfide | C ₆ H ₅ SSC ₆ H ₅ | | | - | - | - | - | - | - | - | - | - |
| 447 | Phenylhydrazine | C ₆ H ₅ NHNH ₂ | | | - | - | - | - | - | - | - | 40 | - |
| 448 | Phogene Gas | COCl ₂ | | | - | - | - | - | - | - | - | - | - |
| 449 | Phosgene Liquid | COCl ₂ | | | - | - | - | - | - | - | - | 20 | - |
| 450 | Phoshours Pentoxide | P ₂ O ₅ | | | - | - | - | - | - | - | - | 60 | - |
| 451 | Phosphoric Acid | H ₃ PO ₄ | | 10 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 452 | Phosphoric Acid | H ₃ PO ₄ | | 50 | - | 20 | 40 | - | - | 20 | - | - | 20 |
| 453 | Phosphoric Acid | H ₃ PO ₄ | | 80 | - | 20 | 20 | - | - | 20 | - | - | 20 |
| 454 | Phosphorus Oxchoride | POCl ₃ | | | - | - | - | - | - | - | - | - | - |
| 455 | Phosphorus Trichloride | PCl ₃ | | Pure | - | - | - | - | - | - | - | 60 | - |
| 456 | Phosphrous Red | P ₄ | | | - | - | - | - | - | - | - | 60 | - |
| 457 | Photographic Developer | | | | - | 20 | 20 | - | - | 20 | - | 20 | 20 |
| 458 | Photographic Fixative | | | | - | 20 | - | - | - | 20 | - | 20 | - |
| 459 | Phthalic Acid | C ₆ H ₄ (COOH) ₂ | | | - | - | - | - | - | - | 20 | 60 | - |
| 460 | Pickling Solution | | | | - | - | - | - | - | - | - | 60 | - |
| 461 | Picric Acid | C ₆ H ₃ O ₇ N ₃ | | 10 | 40 | - | - | 40 | 60 | - | 20 | 20 | - |
| 462 | Plating Solution (Brass) | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 463 | Plating Solution (Cadmium) | | | | 20 | - | - | 20 | - | - | 20 | 60 | - |
| 464 | Plating Solution (Chrome) | | | | - | - | - | - | - | - | - | 60 | - |
| 465 | Plating Solution (Copper) | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 466 | Plating Solution (Gold) | | | | 20 | - | - | 20 | - | - | 20 | 60 | - |
| 467 | Plating Solution (Lead) | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 468 | Plating Solution (Nickel) | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 469 | Plating Solution (Rhodium) | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 470 | Plating Solution (Silver) | | | | - | - | - | - | - | - | 20 | 60 | - |
| 471 | Plating Solution (Tin) | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 472 | Plating Solution (Zinc) | (CH ₃) ₂ CH-C-CH ₃ | | | - | - | - | - | - | - | - | - | - |
| 473 | Poly Aluminum Chloride | [Al ₂ (OH)nCl _{6-n}] _m | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 474 | Polyethylene-Glycol | HOCH ₂ (CH ₂ OCH ₂) _n CH ₂ OH | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 475 | Polyvinyl Acetate | [CH ₃ COOCH ₂ -CH ₂] _n | | | - | - | - | - | - | - | 20 | 60 | - |
| 476 | Polyvinyl Alcohol | [-CH ₂ -CH(OH)-] _n | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 477 | Polyvinyl Butyrate | | | | - | - | - | - | - | - | - | 20 | - |
| 478 | Potash | K ₂ CO ₃ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 479 | Potassium | K | | | - | - | 20 | - | - | - | - | 20 | - |
| 480 | Potassium Acetate | CH ₃ CO ₂ K | | Satu | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 481 | Potassium Alminume Sulfate | K ₂ O-3Al ₂ O ₃ ·6SiO ₂ -2H ₂ O | | | - | - | - | - | - | - | - | - | - |
| 482 | Potassium Alum | K ₂ SO ₄ Al ₂ (SO ₄) ₃ ·24H ₂ O | | Satu | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 483 | Potassium Bicarbonate(Hydrogencarbonate) | KHCO ₃ | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 484 | Potassium Bichromate | K ₂ Cr ₂ O ₇ | | Satu | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 485 | Potassium Bisulfate | KHSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 486 | Potassium Borate | | | | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |

| | | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|----|
| 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 20 | 20 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 120 | 20 | 1 | 120 | 0 | 0 | 0 | 60 |
| 60 | 60 | 60 | 20 | 20 | 60 | 20 | 20 | 60 | 60 |
| 0 | 0 | 0 | 20 | 1 | 0 | 0 | 0 | 0 | 60 |
| 1 | 1 | 40 | 1 | 20 | 0 | 0 | 0 | 0 | 60 |
| 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 100 | 80 | 20 | 1 | 60 | 60 |
| 40 | 60 | 120 | 80 | 100 | 80 | 20 | 1 | 1 | 60 |
| 20 | 40 | 120 | 80 | 100 | 80 | 20 | 1 | 1 | 60 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 60 |
| 1 | 1 | 120 | 1 | 1 | 20 | 0 | 20 | 60 | 60 |
| 20 | 20 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 1 | 20 | 20 | 20 | 0 | 60 | 60 |
| 20 | 20 | 20 | 1 | 20 | 1 | 20 | 20 | 60 | 60 |
| 1 | 1 | 100 | 20 | 20 | 20 | 1 | 1 | 60 | 60 |
| 60 | 80 | 120 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| 60 | 100 | 20 | 80 | 80 | 1 | 1 | 0 | 60 | 60 |
| 60 | 80 | 120 | 20 | 20 | 0 | 0 | 0 | 60 | 60 |
| 60 | 1 | 120 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 60 | 1 | 120 | 0 | 0 | 1 | 0 | 0 | 60 | 60 |
| 60 | 80 | 100 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 60 | 1 | 120 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 60 | 60 | 120 | 20 | 1 | 1 | 0 | 0 | 60 | 60 |
| 60 | 60 | 120 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 60 | 60 | 120 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 0 | 0 | 60 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 60 | 60 | 120 | 80 | 60 | 1 | 0 | 0 | 60 | 60 |
| 0 | 0 | 0 | 20 | 20 | 1 | 0 | 0 | 60 | 60 |
| 40 | 60 | 60 | 60 | 60 | 0 | 0 | 0 | 60 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 | 60 |
| 0 | 0 | 120 | 20 | 20 | 0 | 0 | 0 | 60 | 60 |
| 60 | 80 | 120 | 60 | 40 | 0 | 0 | 0 | 60 | 60 |
| 0 | 20 | 20 | 1 | 20 | 20 | 0 | 0 | 60 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 | 60 |
| 60 | 80 | 20 | 1 | 20 | 20 | 0 | 0 | 60 | 60 |
| 20 | 20 | 120 | 20 | 20 | 0 | 0 | 0 | 60 | 60 |
| 60 | 80 | 120 | 100 | 80 | 1 | 1 | 0 | 1 | 60 |
| 60 | 80 | 120 | 120 | 60 | 120 | 0 | 0 | 60 | 60 |
| 60 | 80 | 120 | 100 | 80 | 20 | 20 | 0 | 60 | 60 |
| 40 | 80 | 120 | 100 | 80 | 120 | 0 | 0 | 60 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 | 60 |
| 60 | 100 | 120 | 100 | 80 | 20 | 0 | 0 | 60 | 60 |

| | | | | | | | | | | | | | |
|-----|--------------------------------|---|------|------|----|----|----|----|----|----|----|----|----|
| 487 | Potassium Bromate | KBrO ₃ | | | - | - | - | - | - | - | 60 | - | |
| 488 | Potassium Bromide | KBr | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 20 | |
| 489 | Potassium Carbonate | K ₂ CO ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 20 | |
| 490 | Potassium Chlorate | KClO ₃ | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 20 | |
| 491 | Potassium Chloride | KCl | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 20 | |
| 492 | Potassium Chromate | K ₂ CrO ₄ | | 30 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 20 | |
| 493 | Potassium Coppercyanide | K ₃ [Cu(CN ₄)] | | | 40 | - | - | 40 | 60 | - | 60 | - | |
| 494 | Potassium Cyanide | KCN | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 495 | Potassium Dichromate | K ₂ Cr ₂ O ₇ | 1.07 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 496 | Potassium Ferricyanide(Red) | K ₃ [Fe(CN) ₆] | | | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 60 | 20 |
| 497 | Potassium Ferricyanide(Yellow) | K ₃ [Fe(CN) ₆] | 1.16 | | 20 | - | 20 | 20 | 20 | - | 60 | 60 | - |
| 498 | Potassium Ferrocyanide | K ₄ [Fe(CN) ₆] | | | 20 | - | - | 20 | 20 | - | 60 | 60 | - |
| 499 | Potassium Fluoride | | | | 20 | - | 20 | 20 | 20 | - | 60 | 60 | - |
| 500 | Potassium Hydroxide | KOH | | 25 | - | 20 | 40 | - | - | 20 | - | 60 | 20 |
| 501 | Potassium Hypochlorite | KClO ₄ | | | 20 | - | - | 20 | - | - | 20 | 60 | - |
| 502 | Potassium Iodide | KI | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 503 | Potassium Nitrate | KNO ₃ | | | 40 | 20 | 40 | 40 | - | - | 60 | 60 | 20 |
| 504 | Potassium Oxalate | K ₂ (COO) ₂ | | | - | - | - | - | - | - | - | - | - |
| 505 | Potassium Perborate | | | | - | - | - | - | - | - | - | 60 | - |
| 506 | Potassium Perchlorate | KClO ₄ | | | - | - | - | - | - | - | - | 60 | - |
| 507 | Potassium Permagnate | KMnO ₄ | | 10 | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 508 | Potassium Permagnate | KMnO ₄ | | 25 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 509 | Potassium Permanganate | KMnO ₄ | 1.03 | 4 | - | - | - | - | - | - | - | - | - |
| 510 | Potassium Persulfate | K ₂ S ₂ O ₅ | | | - | - | - | - | - | - | - | 60 | - |
| 511 | Potassium Silicats | K ₂ SiO ₃ | | | - | - | - | - | - | - | - | - | - |
| 512 | Potassium Sulfate | CrK(SO ₄) ₂ ·12H ₂ O | | 10 | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 513 | Potassium Sulfiede | K ₂ S | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 514 | Potassium Sulfite | K ₂ SO ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 515 | Potassium Tartraate | C ₆ H ₅ KO ₆ | | 50 | - | - | - | - | - | - | - | - | - |
| 516 | Propane | CH ₃ COC ₄ H ₉ | | | 20 | - | - | 20 | 20 | - | 20 | 60 | 20 |
| 517 | Propionic Acid | C ₂ H ₅ COOH | | | - | - | - | - | - | - | - | - | - |
| 518 | Propyl Acetate | CH ₃ CO ₂ C ₃ H ₇ | | Pure | - | - | - | - | - | - | - | 40 | - |
| 519 | Propyl Nitrate (Nitropropane) | | | | - | - | - | - | - | - | - | - | 20 |
| 520 | Propylacetone | CH ₃ COC ₄ H ₉ | | | - | - | - | - | - | - | - | - | - |
| 521 | Propylalcohol | C ₃ H ₇ OH | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 522 | Propylene Dichloride | CH ₃ CHClCH ₂ Cl | | | - | - | - | - | - | - | - | - | 20 |
| 523 | Propylene Oxide | C ₃ H ₆ O | | | - | - | - | - | - | - | - | - | - |
| 524 | Pyridine | C ₅ H ₅ N | | | - | - | - | - | - | - | - | - | - |
| 525 | Pyrogallol | C ₆ H ₃ (OH) ₃ | | | - | - | - | - | - | - | - | 20 | - |
| 526 | Rhodan Salts | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 527 | Rosin (Colophonium) | | | | - | - | - | - | - | - | - | - | - |
| 528 | Salicylic Acid | C ₆ H ₄ (OH)(COOH) | | | 20 | 20 | 20 | 20 | - | - | 20 | 60 | 20 |
| 529 | Salicylic Aldehyde | C ₆ H ₄ (OH)(CHO) | | | - | - | - | - | - | - | 20 | 40 | - |
| 530 | Salt Water | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 531 | Sea Water | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |

| | | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|----|
| 60 | 80 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 80 | 20 | 30 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 20 | 20 | 1 | 60 | |
| 60 | 80 | 120 | 60 | 40 | 40 | 20 | 1 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 120 | 20 | 20 | 60 | |
| 60 | 80 | 120 | 100 | 80 | 20 | 20 | 0 | 60 | |
| 60 | 100 | 120 | 100 | 100 | 0 | 0 | 0 | 60 | |
| 60 | 100 | 120 | 20 | 20 | 20 | 20 | 0 | 60 | |
| 60 | 40 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | |
| 20 | 20 | 120 | 60 | 60 | 60 | 20 | 0 | 60 | |
| 20 | 20 | 120 | 60 | 60 | 60 | 0 | 0 | 60 | |
| 20 | 20 | 120 | 60 | 60 | 0 | 0 | 0 | 60 | |
| 20 | 20 | 120 | 100 | 80 | 20 | 0 | 0 | 60 | |
| 60 | 80 | 60 | 1 | 100 | 120 | 20 | 20 | 60 | |
| 20 | 0 | 60 | 20 | 1 | 0 | 0 | 0 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 20 | 20 | 0 | 60 | |
| 60 | 0 | 120 | 100 | 80 | 40 | 20 | 20 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 60 | |
| 60 | 100 | 120 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 60 | 60 | 120 | 0 | 0 | 20 | 0 | 20 | 60 | |
| 60 | 80 | 120 | 60 | 60 | 40 | 0 | 0 | 60 | |
| 60 | 80 | 120 | 60 | 40 | 20 | 20 | 1 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 20 | 20 | 120 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 60 | |
| 60 | 100 | 120 | 100 | 80 | 1 | 20 | 20 | 60 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | |
| 60 | 60 | 60 | 60 | 60 | 20 | 20 | 20 | 60 | |
| 0 | 0 | 0 | 20 | 20 | 20 | 0 | 0 | 60 | |
| 20 | 20 | 80 | 20 | 1 | 20 | 20 | 20 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 60 | |
| 0 | 0 | 40 | 1 | 20 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 0 | 0 | 20 | 20 | 20 | 20 | 60 | |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 80 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 | |
| 0 | 1 | 0 | 20 | 1 | 20 | 20 | 20 | 60 | |
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 60 | |
| 1 | 60 | 1 | 1 | 20 | 20 | 1 | 1 | 60 | |
| 0 | 0 | 20 | 0 | 0 | 20 | 0 | 0 | 60 | |
| 60 | 80 | 120 | 80 | 60 | 0 | 0 | 0 | 60 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | |
| 20 | 0 | 100 | 20 | 20 | 20 | 20 | 0 | 60 | |
| 0 | 0 | 40 | 20 | 20 | 0 | 0 | 0 | 60 | |
| 60 | 80 | 120 | 80 | 80 | 1 | 0 | 0 | 60 | |
| 60 | 100 | 120 | 80 | 80 | 1 | 0 | 0 | 60 | |

| | | | | | | | | | | | | | |
|-----|---------------------------------------|--|------|------|----|----|----|----|----|----|----|----|----|
| 532 | Sewage | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 533 | Silane | SiH ₄ | | | - | - | - | - | - | - | - | - | 20 |
| 534 | Silicic Acid | SiO ₃ -nH ₂ O | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 535 | Silicone Oil | | | | 40 | 20 | 20 | 40 | 40 | 20 | 40 | 60 | 20 |
| 536 | Silver Chloride | AgCl | | | - | - | - | 0 | 20 | 20 | 20 | 20 | - |
| 537 | Silver Cyanide | Ag-CN | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 538 | Silver Nitrate | AgNO ₃ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 539 | Silver Sulfate | AgSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 540 | Soap | | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 541 | Sodium (Tetra) Borate | Na ₂ B ₄ O ₇ | | Satu | - | - | - | - | 60 | 20 | 60 | 60 | 20 |
| 542 | Sodium Acetate | CH ₃ CO ₂ Na | | Satu | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 543 | Sodium Alum | Na Al(SO ₄) ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 544 | Sodium B(D)ichromate | Na ₂ Cr ₂ O ₇ | | 20 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 545 | Sodium Benzoate | C ₇ H ₅ O ₂ Na | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 546 | Sodium Bicarbonate(Hydrogencarbonate) | NaHCO ₃ | 1.20 | 20 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 547 | Sodium Bisulfate(Hydrosulfate) | NaHSO ₄ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 548 | Sodium Bisulfite(Hydrogen Sulfite) | NaHSO ₃ | | | 40 | - | 20 | 40 | 60 | - | 60 | 60 | - |
| 549 | Sodium Bromate | NaBrO ₃ | | | - | - | - | - | 20 | - | 20 | 20 | - |
| 550 | Sodium Bromide | NaBr | | | 20 | 20 | - | 20 | 20 | 20 | 20 | 60 | - |
| 551 | Sodium Carbonate | Na ₂ CO ₃ | 1.10 | 10 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 552 | Sodium Chlorate | NaClO ₃ | | Satu | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 553 | Sodium Chloride | NaCl | 1.19 | 25 | 20 | 20 | - | 20 | 20 | 20 | 20 | 60 | - |
| 554 | Sodium Chloride(Saline solution) | NaCl | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 555 | Sodium Chlorite | NaClO ₂ | | 25 | - | - | - | - | - | - | 20 | 20 | - |
| 556 | Sodium Cyanide | NaCN | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 557 | Sodium Cyanide | NaCN | 1.22 | 40 | - | - | - | - | - | - | - | - | - |
| 558 | Sodium Ferricyanide | Na ₃ [Fe(CN) ₆]H ₂ O | | 10 | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 559 | Sodium ferrocyanide | Na ₄ [Fe(CN)]10H ₂ O | | Satu | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 560 | Sodium Fluoride | | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 561 | Sodium Hydroxide | NaOH | | 5 | - | - | - | - | - | - | - | - | 20 |
| 562 | Sodium Hydroxide | NaOH | | 15 | - | - | 40 | - | - | - | - | 60 | - |
| 563 | Sodium Hydroxide | NaOH | | 30 | - | - | 40 | - | - | - | - | 20 | - |
| 564 | Sodium Hydroxide | NaOH | | 50 | - | - | 40 | - | - | - | - | 20 | - |
| 565 | Sodium Hypochlorite | NaClO | | 3 | 40 | 20 | - | 40 | 60 | 20 | 60 | 60 | - |
| 566 | Sodium Hypochlorite | NaClO | | 5 | 40 | 40 | - | 40 | 40 | 40 | 60 | 60 | - |
| 567 | Sodium Hypochlorite | NaClO | | 7 | 40 | 20 | - | 40 | 20 | 20 | 60 | 60 | - |
| 568 | Sodium Hypochlorite | NaClO | | 10 | 40 | - | - | 40 | 20 | - | 40 | 60 | - |
| 569 | Sodium Hypochlorite | NaClO | | 13 | 40 | - | - | 40 | 20 | - | 40 | 60 | - |
| 570 | Sodium Hyposulfate | Na ₂ SO ₂ O ₄ | | | - | - | - | - | 20 | - | 20 | 20 | - |
| 571 | Sodium Metal | Na | | | - | - | - | - | - | - | - | - | 20 |
| 572 | Sodium Metasilicate | Na ₂ SiO ₃ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 573 | Sodium Nitrate | NaNO ₃ | | Satu | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 574 | Sodium Nitrite | NaNO ₂ | | Satu | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 575 | Sodium Oxalate | (COONa) ₂ | | | - | - | - | - | 20 | - | 20 | 20 | - |
| 576 | Sodium Palmitate | Na(C ₁₅ H ₃₁ COO) | | | - | - | - | - | - | - | - | 60 | - |
| 577 | Sodium Perborate | NaBO ₃ -4H ₂ O | | | - | - | - | - | 20 | - | 20 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|-----|----|
| 60 | 100 | 120 | 80 | 60 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 40 | 20 | 20 | 60 |
| 60 | 100 | 120 | 40 | 20 | 20 | 20 | 20 | 60 |
| 0 | 20 | 20 | 20 | 20 | 1 | 20 | 20 | 60 |
| 60 | 100 | 120 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 80 | 1 | 1 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 120 | 20 | 20 | 60 |
| 0 | 100 | 120 | 80 | 60 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 20 | 80 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 40 | 80 | 120 | 100 | 80 | 120 | 20 | 20 | 60 |
| 60 | 100 | 120 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 60 | 60 | 60 | 60 | 20 | 20 | 20 | 60 |
| 60 | 60 | 60 | 60 | 60 | 1 | 1 | 1 | 60 |
| 60 | 100 | 80 | 100 | 100 | 20 | 1 | 1 | 60 |
| 0 | 20 | 20 | 20 | 20 | 1 | 0 | 0 | 60 |
| 60 | 100 | 120 | 20 | 20 | 1 | 20 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 60 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 100 | 1 | 20 | 20 | 60 |
| 20 | 20 | 80 | 20 | 20 | 1 | 20 | 1 | 60 |
| 60 | 100 | 120 | 80 | 80 | 1 | 0 | 0 | 60 |
| 1 | 1 | 20 | 60 | 40 | 1 | 1 | 100 | 60 |
| 60 | 100 | 120 | 60 | 60 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 60 | 20 | 20 | 0 | 60 |
| 60 | 80 | 120 | 60 | 60 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 60 | 60 | 20 | 20 | 20 | 60 |
| 60 | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 60 |
| 60 | 40 | 60 | 1 | 100 | 120 | 0 | 0 | 60 |
| 60 | 80 | 20 | 1 | 100 | 120 | 0 | 0 | 60 |
| 60 | 80 | 20 | 1 | 80 | 120 | 1 | 1 | 60 |
| 40 | 60 | 60 | 60 | 40 | 1 | 20 | 20 | 60 |
| 40 | 40 | 60 | 60 | 40 | 1 | 50 | 1 | 60 |
| 40 | 20 | 60 | 60 | 20 | 1 | 30 | 1 | 60 |
| 40 | 20 | 60 | 40 | 1 | 1 | 1 | 1 | 60 |
| 40 | 20 | 60 | 40 | 1 | 1 | 1 | 1 | 60 |
| 0 | 20 | 20 | 20 | 20 | 1 | 0 | 0 | 60 |
| 1 | 0 | 1 | 0 | 0 | 20 | 20 | 0 | 1 |
| 60 | 100 | 120 | 100 | 100 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 120 | 1 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 1 | 1 | 20 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 0 | 0 | 60 |
| 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 20 | 120 | 20 | 20 | 1 | 1 | 0 | 60 |

| | | | | | | | | | | | | | |
|-----|---------------------------|---|------|------|----|----|----|----|----|----|----|----|----|
| 578 | Sodium Perchlorate | NaClO ₄ | | | - | 20 | 20 | - | - | 20 | - | 60 | 20 |
| 579 | Sodium Peroxide | Na ₂ O ₂ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 580 | Sodium Phosphate | Na ₂ HPO ₄ ·12H ₂ O | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 581 | Sodium Phosphate Acid | NaH ₂ PO ₄ ·2H ₂ O | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 582 | Sodium Phosphate Alkaline | Na ₃ PO ₄ ·12H ₂ O | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 583 | Sodium Salicylate | C ₆ H ₄ (OH)COONa | | | - | - | - | - | - | - | - | - | - |
| 584 | Sodium Silicate | Na ₂ SiO ₂ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 585 | Sodium Silicofluoride | Na ₂ SiF ₆ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 586 | Sodium Sulfate | Na ₂ SO ₄ | 1.10 | 14 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 587 | Sodium Sulfide | Na ₂ S | | | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 588 | Sodium Sulfite | Na ₂ SO ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 589 | Sodium Thiocyanate | NaSCN | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 590 | Sodium Thiosulfate | Na ₂ S ₂ O ₃ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 591 | Sodium Thiosulfate | Na ₂ S ₂ O ₃ | | | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 592 | Sour Crude Oil | | | | - | - | - | 0 | 20 | - | 20 | 60 | - |
| 593 | Soybean Oil | | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 594 | Stannic Chloride | SnCl ₂ | | | - | - | - | - | - | - | - | 60 | - |
| 595 | Stannous Chloride | SnCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 596 | Starch | (C ₅ H ₁₀ O ₅) _n | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 597 | Stearic Acid | CH ₃ (CH ₂) ₁₆ COOH | | | 40 | - | - | 40 | 60 | - | 60 | 60 | 20 |
| 598 | Styrene Monomer | C ₆ H ₅ CH=CH ₂ | | | - | - | - | - | - | - | - | 60 | - |
| 599 | Sulfite liquor | NaHSO ₃ | | 6 | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 600 | Sulfonated Oil | | | | - | - | - | - | - | - | - | - | - |
| 601 | Sulfuric Acid | H ₂ SO ₄ | | 10 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 602 | Sulfuric Acid | H ₂ SO ₄ | | 30 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 603 | Sulfuric Acid | H ₂ SO ₄ | | 50 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 604 | Sulfuric Acid | H ₂ SO ₄ | | 60 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 605 | Sulfuric Acid | H ₂ SO ₄ | | 70 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 606 | Sulfuric Acid | H ₂ SO ₄ | | 80 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 607 | Sulfuric Acid | H ₂ SO ₄ | | 90 | 40 | 20 | 40 | 40 | 60 | 20 | 60 | 60 | 20 |
| 608 | Sulfuric Acid | H ₂ SO ₄ | | 98 | - | - | - | - | - | - | - | 60 | 20 |
| 609 | Sulfur | S | | | - | - | 20 | - | - | - | - | 60 | - |
| 610 | Sulfur Chloride | S ₂ Cl ₂ | | | - | - | - | - | - | - | 20 | 60 | - |
| 611 | Sulfur Dioxide (Dry) | SO ₂ | | | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 612 | Sulfur Dioxide (Wet) | SO ₂ | | | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
| 613 | Sulfuric Anhydride | SO ₃ | | | - | - | - | - | - | - | - | - | - |
| 614 | Sulfurous Acid | H ₂ SO ₃ | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 615 | Sulphuric Acid | H ₂ SO ₄ | | 75 | - | - | - | - | - | - | - | - | - |
| 616 | Sulphuric Acid | H ₂ SO ₄ | 1.84 | 98 | - | - | - | - | - | - | - | - | - |
| 617 | Surfamic Acid | HSO ₂ NH ₂ | | 20 | - | - | - | - | - | - | - | - | - |
| 618 | Sulfur Dichloride | SCl ₂ | | | - | - | - | - | - | - | 20 | 60 | - |
| 619 | Tall Oil | | | | - | - | - | - | - | - | 20 | 60 | - |
| 620 | Tannic Acid | C ₇₆ H ₅₂ O ₄₆ | | | - | 20 | 20 | - | - | 20 | - | 60 | 20 |
| 621 | Tar | | | Satu | - | - | - | - | 20 | - | 20 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|-----|----|----|----|
| 60 | 80 | 120 | 1 | 20 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 80 | 100 | 100 | 80 | 1 | 1 | 20 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 60 |
| 60 | 80 | 20 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 60 | 120 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 60 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 80 | 120 | 20 | 20 | 60 |
| 60 | 100 | 120 | 80 | 80 | 20 | 20 | 20 | 60 |
| 60 | 60 | 120 | 80 | 60 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 20 | 20 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 100 | 100 | 80 | 0 | 0 | 60 |
| 0 | 60 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 60 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 1 | 60 | 1 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 0 | 1 | 0 | 0 | 60 |
| 60 | 80 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 60 | 1 | 120 | 20 | 20 | 60 |
| 0 | 0 | 80 | 1 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 60 | 60 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 80 | 20 | 1 | 60 |
| 60 | 100 | 120 | 100 | 60 | 80 | 20 | 1 | 60 |
| 60 | 100 | 120 | 100 | 80 | 100 | 20 | 1 | 60 |
| 60 | 100 | 120 | 100 | 80 | 80 | 20 | 1 | 60 |
| 60 | 80 | 120 | 100 | 80 | 80 | 20 | 1 | 60 |
| 60 | 80 | 120 | 80 | 60 | 60 | 20 | 1 | 60 |
| 60 | 80 | 120 | 80 | 40 | 60 | 20 | 1 | 60 |
| 20 | 1 | 60 | 1 | 1 | 60 | 20 | 1 | 60 |
| 60 | 100 | 120 | 1 | 20 | 20 | 1 | 1 | 60 |
| 0 | 1 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 60 | 60 | 120 | 40 | 100 | 0 | 0 | 0 | 60 |
| 60 | 60 | 120 | 60 | 100 | 100 | 0 | 0 | 60 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 80 | 100 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 1 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 20 | 100 | 120 | 0 | 20 | 80 | 20 | 20 | 60 |
| 1 | 20 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |

| | | | | | | | | | | | | | |
|-----|------------------------------------|---|------|------|----|----|----|----|----|----|----|----|----|
| 622 | Tartaric Acid | C ₄ H ₆ O ₆ | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 623 | Tetrachloro Ethane | Cl ₂ CH·CHCl ₂ | | Pure | - | - | - | - | - | - | 20 | 60 | - |
| 624 | Tetrachloro(Perchloro) Ethylene | CCl ₂ =CCl ₂ | | Pure | - | - | - | - | 20 | - | 40 | 60 | 20 |
| 625 | Tetraethyl Lead | Pb(C ₂ H ₅) ₄ | | | - | - | - | - | - | - | - | 60 | - |
| 626 | Tetrahydrofuran | C ₄ H ₈ O | | Pure | - | - | - | - | - | - | - | 20 | - |
| 627 | Tetraline (Tetrahydro Naphthalene) | C ₁₀ H ₁₂ | | | - | - | - | - | - | - | - | 0 | - |
| 628 | Tetramethyl Anmonium Hydroxide | | | 50 | - | - | - | - | - | - | - | 60 | - |
| 629 | Tetrial Butyl alcohol | (CH ₃) ₃ C(OH) | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 630 | Tetrial Butyl Catechol | C ₆ H ₃ (C ₄ H ₉)(OH) ₂ | | | - | - | - | - | - | - | - | - | - |
| 631 | Tin Chloride | SnCl ₂ ·2H ₂ O | | | 20 | - | - | 20 | 20 | - | 20 | 20 | - |
| 632 | Titanic Sulfate | Ti(SO ₄) ₂ | | | - | - | - | - | - | - | - | 60 | - |
| 633 | Titanium Dioxide | TiO ₂ | | | - | - | - | - | 20 | 20 | 20 | 20 | 20 |
| 634 | Titanium Tetrachloride | TiCl ₄ | | | - | - | - | - | - | - | - | - | - |
| 635 | Titanous Sulfate | Ti ₂ (SO ₄) ₃ | | | - | - | - | - | - | - | - | 60 | - |
| 636 | Toluene | C ₆ H ₅ CH ₃ | | | - | - | - | - | 20 | - | 20 | 60 | 20 |
| 637 | Tomato Juice | | | | - | - | - | - | - | - | - | 60 | - |
| 638 | Triacetin | C ₃ H ₅ O ₃ (COCH ₃) ₃ | | | - | - | - | - | - | - | - | - | - |
| 639 | Tributyl Phosphate | (C ₄ H ₉ O) ₃ PO | | | - | - | - | - | - | - | - | 40 | - |
| 640 | Trichloroacetic Acid | Cl ₃ C·COOH | | | - | - | - | - | - | - | - | 40 | - |
| 641 | Trichloroethlene | ClHC=CCl ₂ | | | - | - | - | - | 20 | - | 20 | 60 | - |
| 642 | Trichloroethylene | C ₂ HCl ₃ | | | - | - | - | - | - | - | - | - | - |
| 643 | Triethanolamine | N(CH ₂ CH ₂ OH) ₃ | | | - | - | - | - | - | - | - | - | 20 |
| 644 | Triethyl Propan | | | | - | - | - | - | - | - | - | 60 | - |
| 645 | Triethylamine | (C ₂ H ₅) ₃ N | | | - | 20 | 20 | - | - | 20 | - | 20 | 20 |
| 646 | Trisodium Phosphate | Na ₃ PO ₄ | 1.02 | 4 | - | - | - | - | - | - | - | - | - |
| 647 | Turbin Oil | | | | 20 | - | - | 20 | 20 | - | 20 | 20 | - |
| 648 | Turpentine Oil | | | | - | - | - | - | 20 | - | 20 | 60 | - |
| 649 | Uranium Chloride | | | | - | - | - | - | 20 | - | - | - | - |
| 650 | Uranium Oxide | | | | - | - | - | - | 20 | - | 20 | 20 | - |
| 651 | Urea | CO(NH ₂) ₂ | | Pure | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 | 20 |
| 652 | Uric Acid | C ₅ H ₄ N ₄ O ₃ | | | - | - | - | - | - | - | - | - | 20 |
| 653 | Urine | | | 80 | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 654 | Vaseline | | | | 20 | - | - | 20 | 20 | - | 20 | 60 | - |
| 655 | Vegetable Oil | | | | 20 | - | 20 | 20 | 20 | - | 20 | 60 | - |
| 656 | Vineger | | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 657 | Vinyl Acetate | CH ₃ COOCH=CH ₂ | | | - | - | - | - | - | - | - | 60 | 20 |
| 658 | Whisky | | | | 40 | 20 | 20 | 40 | 60 | 20 | 60 | 60 | 20 |
| 659 | White Acid | | | Pure | - | - | - | - | - | - | - | 60 | - |
| 660 | White Liiquor | | | | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 661 | Wine | | | | 40 | - | - | 40 | 40 | - | 40 | 60 | - |
| 662 | Xylene | C ₆ H ₄ (CH ₃) ₂ | | | - | - | - | - | - | - | 20 | 60 | 20 |
| 663 | Yellow Phoshorus | P ₄ | | | - | - | - | - | - | - | - | 60 | - |
| 664 | Zinc Acetate | (CH ₃ COO) ₂ Zu | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 665 | Zinc Bromide | ZnBr ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 666 | Zinc Chloride | ZnCl ₂ | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |
| 667 | Zinc Nitrate | Zn(NO ₃) ₂ ·6H ₂ O | | | 40 | - | - | 40 | 60 | - | 60 | 60 | - |

| | | | | | | | | |
|----|-----|-----|-----|-----|----|----|----|----|
| 60 | 80 | 120 | 20 | 80 | 20 | 20 | 20 | 60 |
| 0 | 0 | 80 | 20 | 1 | 0 | 0 | 0 | 60 |
| 1 | 20 | 60 | 40 | 1 | 20 | 20 | 20 | 60 |
| 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 20 | 20 | 1 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 20 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 80 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 20 | 20 | 1 | 1 | 20 | 60 |
| 60 | 80 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 60 |
| 0 | 20 | 1 | 1 | 1 | 1 | 1 | 0 | 60 |
| 60 | 100 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 20 | 60 | 20 | 1 | 20 | 20 | 20 | 60 |
| 60 | 100 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 40 | 40 | 1 | 20 | 20 | 0 | 0 | 60 |
| 1 | 60 | 40 | 1 | 1 | 1 | 0 | 0 | 60 |
| 1 | 20 | 60 | 20 | 1 | 0 | 0 | 0 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 1 | 1 | 1 | 1 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 1 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 20 | 20 | 20 | 60 | 1 | 0 | 0 | 0 | 60 |
| 0 | 20 | 120 | 20 | 20 | 0 | 0 | 0 | 60 |
| 0 | 20 | 0 | 20 | 20 | 1 | 0 | 0 | 60 |
| 0 | 20 | 20 | 20 | 20 | 20 | 0 | 0 | 60 |
| 60 | 100 | 120 | 20 | 20 | 20 | 20 | 20 | 60 |
| 0 | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 60 |
| 60 | 80 | 120 | 100 | 100 | 0 | 0 | 0 | 60 |
| 60 | 80 | 120 | 20 | 1 | 0 | 0 | 0 | 60 |
| 20 | 20 | 120 | 20 | 20 | 20 | 0 | 0 | 60 |
| 60 | 100 | 120 | 60 | 60 | 20 | 20 | 20 | 60 |
| 1 | 0 | 120 | 1 | 20 | 20 | 20 | 20 | 60 |
| 60 | 60 | 120 | 60 | 80 | 20 | 20 | 20 | 60 |
| 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 60 | 120 | 40 | 80 | 0 | 0 | 0 | 60 |
| 60 | 60 | 120 | 40 | 80 | 0 | 0 | 0 | 60 |
| 1 | 1 | 80 | 20 | 1 | 20 | 20 | 20 | 60 |
| 20 | 20 | 120 | 0 | 0 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |
| 60 | 80 | 80 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 80 | 80 | 60 | 60 | 0 | 0 | 0 | 60 |
| 60 | 100 | 120 | 100 | 80 | 0 | 0 | 0 | 60 |

| | | | | | | | | | | | | | |
|-----|--------------|-------------------|--|--|----|---|----|----|----|---|----|----|---|
| 668 | Zinc Sulfate | ZnSO ₄ | | | 40 | - | 40 | 40 | 60 | - | 60 | 60 | - |
|-----|--------------|-------------------|--|--|----|---|----|----|----|---|----|----|---|

| | | | | | | | | |
|----|-----|-----|-----|----|-----|---|---|----|
| 60 | 100 | 120 | 100 | 80 | 100 | 0 | 0 | 60 |
|----|-----|-----|-----|----|-----|---|---|----|

Note: The data presented in this selection chart is based on information furnished by the manufacturers of the raw materials and our experience. This information may be considered as a basis for recommendation, but **NOT AS A GUARANTEE**.
Materials should be tested under actual service to determine suitability for a particular purpose.

