

# Did you know...

The word "acid" is derived from the Latin 'acidus,' meaning tart or sour.

So much sulfuric acid is consumed that it is said that as sulfuric acid sales go, so goes the economy.

Concentrated sulfuric acid can be stored in stainless steel but dilute sulfuric will quickly eat through stainless.

Hydrofluoric acid dissolves glass but concentrated HF can be stored in carbon steel tanks.

The word "alkali" is Arabic and refers to the ashes of the saltwort and glasswort plants and their aqueous solutions.

In medieval times, ammonia was prepared by heating the hoofs and horns of animals.

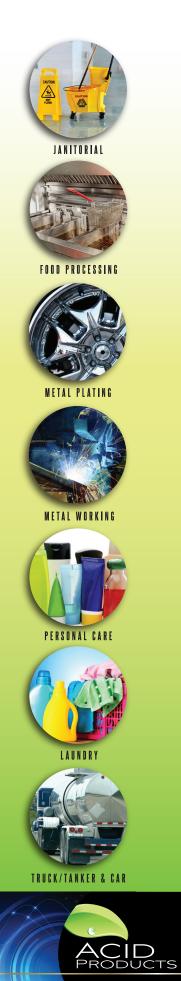
Mineral acids are nonflammable but organic acids can burn.

Aqua ammonia neutralizes acids but is generally unreactive to most metals.

The most common organic acid is acetic acid.

Formic acid occurs naturally in the red ant and stinging nettle.

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#### Acids

Dilutions for any of the acids listed are available to your specifications. De-ionized water is available to meet needs for proprietary blends.

Acetic - 56%, 80%, Glacial

Acid Blends

Acid Inhibitors

Ascorbic Acid

Battery Acid - All Strengths

Boric Acid

Benzoic Acid

Citric Acid

Fluoboric Acid 49%

Formic Acid 90%

Fumaric Acid

Gluconic Acid 50%

Glycolic Acid 70%

Hydrofluosilicic Acid 23%

Hydrofluoric Acid 10%, 25%, 49%,

70%

Lactic Acid

Malic Acid

Nitric Acid - ACS Grade

Nitric Acid - 38 Be, 42 Be

Oleic Acid

Oxalic Acid

Peracetic Acid

Phosphoric Acid - 75%, 80%, 85%

Propionic Acid

Reagent Grade Acids - ACS Grades

Salicylic Acid

Stearic Acid - Triple Press

Sebacic Acid

Sulfamic Acid

Sulfuric Acid -10%, 50%, 70%, 93%

Tartaric Acid

#### Acetate-Esters

Butyl Acetate Ethyl Acetate Isopropyl Acetate 99% Methyl Amyl Acetate N-Butyl Acetate N-Propyl Acetate Primary Amyl Acetate

#### **Alcohol**

Butanol Cetyl Alcohol Ethanol – Denatured Isopropyl Alcohol (IPA) Methanol Methyl Amyl Alcohol Propyl Alcohol

# **Aliphatic Solvents**

AP-100

AP-140

AP-150

Heptane

Hexane

Kerosene Mineral Spirits – All Types V M & P Naptha

## **Alkalines**

Aqua Ammonia – 19%, 29.5%
Bleach (Sodium Hypochlorite)
Caustic Potash – Dry & Liquid
Caustic Soda, Liquid – All Grades
Caustic Soda, Dry – Beads, Flake
Lime
Potassium Silicates – Liquid
Sodium Silicates – Liquid
Soda Ash (Sodium Carbonate)
Sodium Orthosilicate

#### **Amines**

Diethanolamine (DEA)
Diethylamine
Diisopropylamine
Ethylenediamine
Isopropylamine
Monoethanolamine (MEA)
Monoisopropanolamine
Morpholine
Triethanolamine 85%, 99% (TEA)
TEA – Low Freeze
Triethylamine
Triethylene Tetramine

## **Aromatic Solvents**

Aromatic 100 Aromatic 150 Cyclohexane Toluene Xylene

#### **Chlorinated Solvents**

Ethylene Dichloride Methylene Chloride Perchloroethylene Trichloroethylene

#### Citrus Solvents

D-Limonene

## Formaldehyde

Formaldehyde 36 – 11% Methanol Formaldehyde 25% Methaform 55A

### **Glycols**

Diethylene Glycol Dipropylene Glycol Ethlyene Glycol Hexylene Glycol Polypropylene Glycol Propylene Glycol Trithylene Glycol

# **Glycol Ethers**

DB DPM EP DE EB PM DM EE TPM

## **Glycol Ether Acetates**

DB EB EM DE EE PM

#### **Ketones**

Acetone Cyclohexanone Diacetone Alcohol Diisobuty Ketone (DIBK) Isophorone

Methyl Ethyl Ketone (MEK) Methyl Isoamyl Ketone (MIAK) Methyl Isobutyl Ketone (MIBK)

# **Metal Finishing**

Proprietaries – Inquire Metals – Inquire Black Oxide Boric Acid

Barium Carbonate Chromic Acid Copper Sulfate Cyanides – All Types Ferric Ammonium Oxalate

Fluoborates
Nickel Acetate
Nickel Carbonate
Nickel Chloride
Nickel Sulfamate
Nickel Sulfate
Reactive Lube
Rochelle Salts
Rust Preventatives
Sodium Bichromate
Sodium Chromate

Top Coats Waxes

Zinc Chloride, Anhydrous

Zinc Phosphates

# Misc Chemicals

Acitivated Carbon Aluminum Brighteners Aluminum Sulfate, dry – 17% Liquid Alum – Aluminum Sulfate

Ammonium Acetate Ammonium Bifluoride

Ammonium Chloride - Treated, Untreated

Ammonium Persulfate

Antifoams
Aqua Ammonia
Borax – 5 mol, 10 mol
Calcium Chloride
Calcium Hypochlorite

Citric Acid Copper Carbonate Copper Sulfate

Diatomaccous Earth D-Limonene

DDBSA

EDTA – Chelon 100 Epsom Salts

Ferric Ammonium Oxatate

Ferric Chloride Ferrous Chloride Ferric Sulfate 50% Ferrous Sulfate – Dry

Floor Dry Gluconic Acid Glycerine

Kathon CG ICP/Sup Guard K-15

Laundry Soaps

Lime Mineral Oil MICA Oxalic Acid Petrolatum

Polyethylene Glycols – PEGS

Potassium Carbonate

Potassium Chloride - Muriate of Potash

Potassium Citrate
Potassium Nitrate
Potassium Silicate
Reactive Lube
Salt – All Grades
Sodium Benzoate
Sodium Bicarbonate
Sodium Bichromate
Sodium Bifluoride
Sodium Bisulfate

Sodium Bisulfite - Liquid & Dry

Sodium Citrate
Sodium Fluoride
Sodium Gluconate
Sodium Hydrosulfite
Sodium Metasilicate Penta
Sodium Metasilicate Anhydrous

Sodium Nitrate Sodium Nitrite Sodium Orthosilicate

Sodium Percarbonate - coated & uncoated

Sodium Sulfate Sodium Sulfite

Sodium Sesquicarbonate Sodium Silicofluoride

Sodium Xylene Sulfonate 40% Sorbitol Stannous Chloride

Stearates - Aluminum, Calcium, Zinc

Sulfamic Acid Sulphurs Tall Oil Thiourea Urea

White Mineral Oils Xanthan Gum Zinc Chloride, Dry Zinc Oxide

# Peroxides & Bleaching

Custom dilutions for Hydrogen Peroxide available per customer request.
Hydrogen Peroxide – 17%, 34%, 35%, 50%
Bleach (Sodium Hypochlorite)
Calcium Hypochlorite – Dry

# **Phosphates**

Diammonium Phosphate (DAP)
Dipotassium Phosphate
Disodium Phosphate (DSP)
Monammonium Phosphate (MAP)
Monopotassium Phosphate
Monosodium Phosphate (MSP)
Potassium Tripolyphosphate
Sodium Acid Pyrophosphate
Sodium Hexametaphosphate
Sodium Tripolyphosphate (STPP)
Tetrapotassium Pyrophosphate (TKPP)
Tetrasodium Pyrophosphate (TSPP)
Tripotassium Phosphate
Trisodium Phosphate (TSP)

#### Surfactants

ALS CAB Coconut DEA LO

Surfonic N-95 SLS 30% SLES 30% SLES 60% SLES 70%

Sodium Cocosulfate - Dry

# Terpene Solvents

Dipentene Pine Oil

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