



*New solutions in chemistry*




# WHO WE ARE

**UNICHEM Solution is a company has experienced team in the chemical industry. It has developed itself in wholesale chemical end products and in the turnkey setup of chemical product production lines and organized itself according to this goal.**







**As UNICHEM Solution, we do wholesale of chemical products. We provide products are delivered to customers quickly by making a good procurement plan.**

**We produce machines required for the production of all chemical products according to capacity needs and perform their turnkey installation. By design these lines in accordance with the production area, we provide earn of our customers from the way and area.**





# Soap

Soaps are one of the oldest chemical produced by saponification animal fats with the ashes from plants. They are alkali salt of fatty acid. Soaps are especially used as surfactant for washing, bathing cleaning, but they are also being used in textile spinning and as important constituent of lubricating grease.



# Powder Detergent

**UNICHEM Solutions provide producing Dishwasher Detergent Powder and Dishwasher salt in Kitchen Hygiene Group and also produce Laundry Machine Detergent Hand Washing detergent powder , Lime Preventer for Laundry Machines , Curtain Bleaching Powder , Stain Remover powder in Laundry group.**



# Liquid Detergent

**UNICHEM Solutions enable producing Liquid Dishwashing Detergent , Degreaser ,Industrial Dishwasher Detergent, Industrial Dishwasher Rinser, Industrial Dishwasher Lime, Laundry Machine Detergent Liquid, Stain Remover Liquid , Laundry Softener, Carpet Shampoo, Liquid Surface Cleaner, Glass Cleaner, Siliconized Glass Cleaner ,Bleaching Liquid , Rust And Lime Remover, Wood & Parquet Cleaner ,Multi Cleaner, Air Freshener, Auto Shampoo for General Cleaning Group and Liquid Hand Soap Alcoholic Hand Disinfectant.**



# Calcium Oxide

**Quicklime is a powder of 95 % calcium oxide to delay reactivity. Calcium Oxide is a white colored, abrasive and alkaline solid. It is obtained by removing the carbon dioxide by dissolving the limestone at high temperatures in the industry.**

# Chlorine Tablet

Chlorine tablet is a chemically basic (alkaline) material, sodium salts. Chlorine tablet is soluble in water. It is mostly used for disinfection.







# Dextrine

**Obtained by roasting corn starch with acid and heat. Dextrin is a powder raw material obtained by reaction of starch with strong acids. Usually used for gluing paper and similar products. Dextrin powder is a modified starch.**

# Acetic Acid



Acetic acid (ethanoic acid) is an organic compound known as vinegar acid. It is formed by oxidation of carbohydrates in nature.



# Calcium Bypass Fat

**Calcium Bypass Fat is a highly digestible energy supplement that can meet the above need. It provides 100% inert to the rumen by promoting high metabolism, increase production of milk, meat quality, reduces digestive problems, improves the body condition, and decreasing weight loss.**





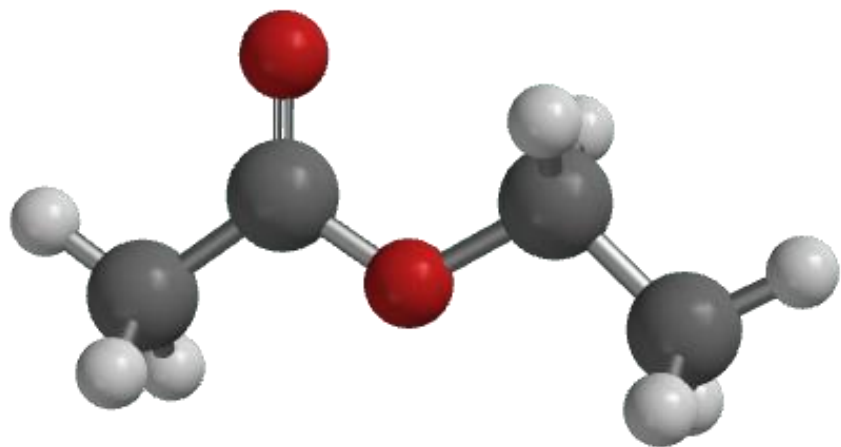
# Tallow Fatty Acid

Fatty acids, C14-18 & C16-18 fatty acid. brown, solid and typical tallow odor. It can be packed in polyethylene, stainless steel (grade 304), rubber lined or epoxy lined tanks or drums.



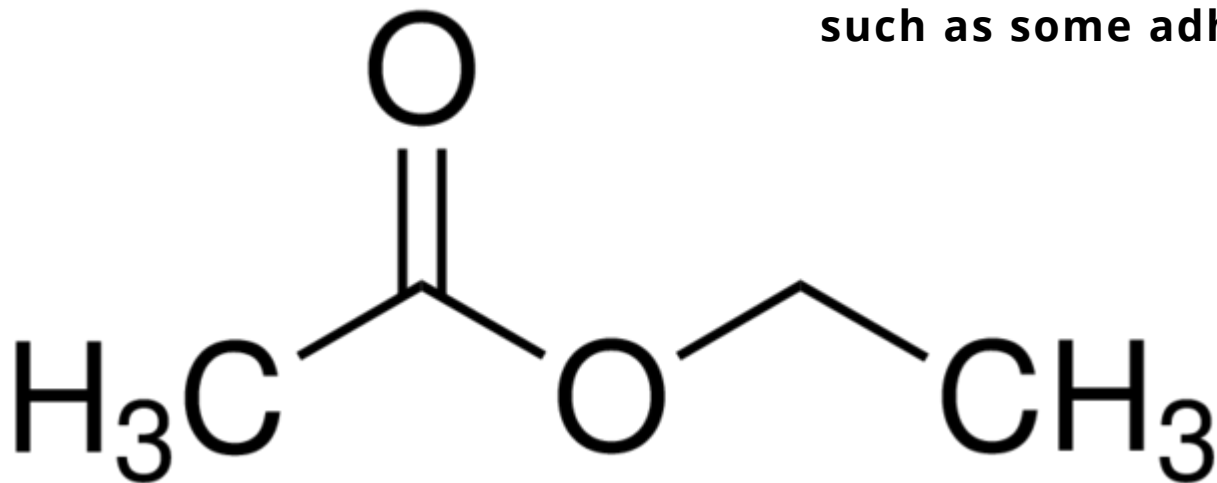
# Boric Acid

**Boric Acid is a material used in the production of heat-resistant glass and porcelain, in metallurgy and in the production of some drugs and used as a fungicide in plants.**



# Ethyl Acetate

Ethyl acetate is an organic compound represented by the formula  $\text{CH}_3\text{COOCH}_2\text{CH}_3$ . This colorless liquid compound has a sweet smell similar to pear juice, such as some adhesives and acetone.







# Calcium Carbonate

**Calcium carbonate is the calcium salt of carboxylic acid. Natural, ultra-fine calcium carbonate manufactured from high purity and whiteness limestone.**



# Flake Caustic Soda

Sodium hydroxide in solid form, also called caustic soda, is an inorganic chemical compound belonging to the strongest alkali.





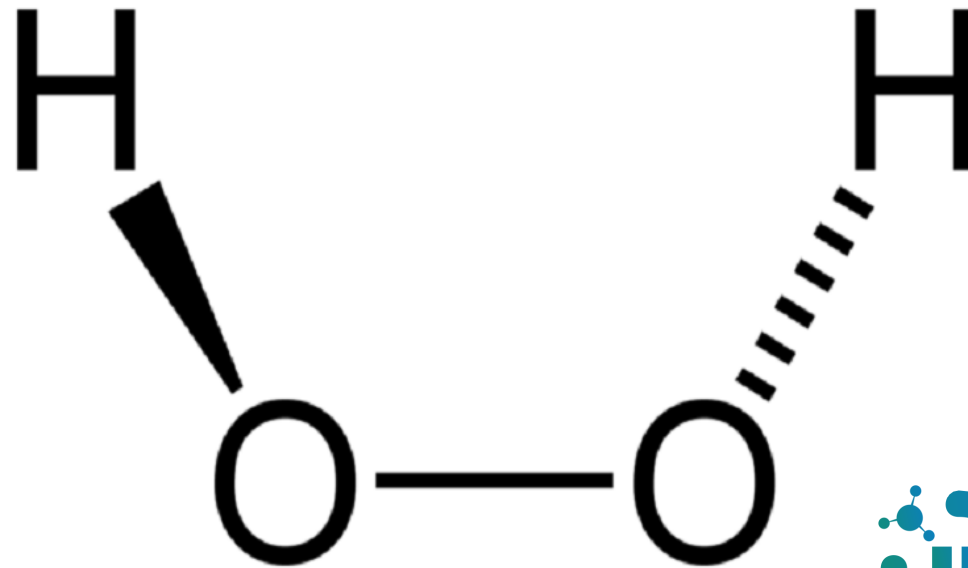
# ***Granular Sulfur***

**Granule sulfur, half lentil shaped, contains trace amount of dust. Combined with oxygen, it can be a flammable material. Granule sulfur is generally bright yellow color. In terms of health, it helps to strengthen nail and hair roots.**



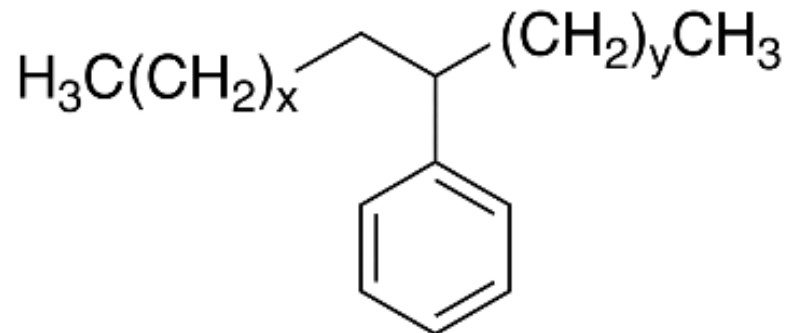
# Hydrogen Peroxide

Hydrogen peroxide is a colorless and odorless liquid and soluble in water. It can be used in mining industry, metallurgical industry, cosmetics and pharmaceutical industry etc.



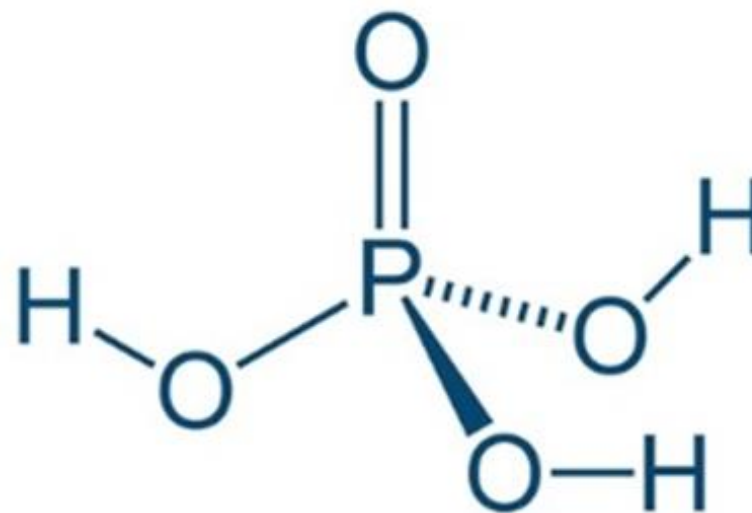
# Labsa

Labsa is known as linear alkyl benzene sulphonic acid. It's corrosive is recommended to use stainless steel tank or carbon steel coated. Use of drums must have double layer polymer coating and free of weld points to avoid the reaction of the sulfonic acid with metal.



# Phosphoric Acid

Phosphoric acid is a colorless chemical in crystalline form. PVC, carbon steel, stainless steel are used for packaging. Store in a cool, dry place. Store in a tightly closed container.



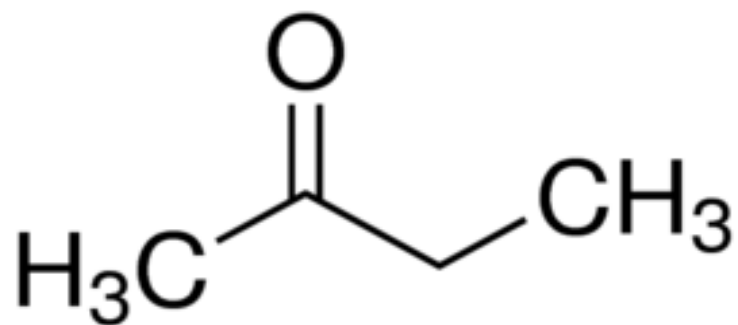


# Terephthalic Acid

Purified Terephthalic Acid (PTA) is in the form of white crystalline powder. Terephthalic acid is an organic compound with formula  $C_6H_4(CO_2H)_2$ . It can be packed generally in big bag packaging.

# Methyl Ethyl Ketone

MEK (methyl ethyl ketone) is an active organic solvent of ketone type. It can be packed in tank trucks, drums, barges, tank cars.



## Methyl ethyl ketone (2-butanone)



### DANGER

Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.



### PREVENTION

Keep away from heat, sparks, and open flames. — No smoking. Keep container tightly closed.

Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Wear eye protection.

### RESPONSE

**If on skin:** Take off immediately all contaminated clothing. Rinse skin with water.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

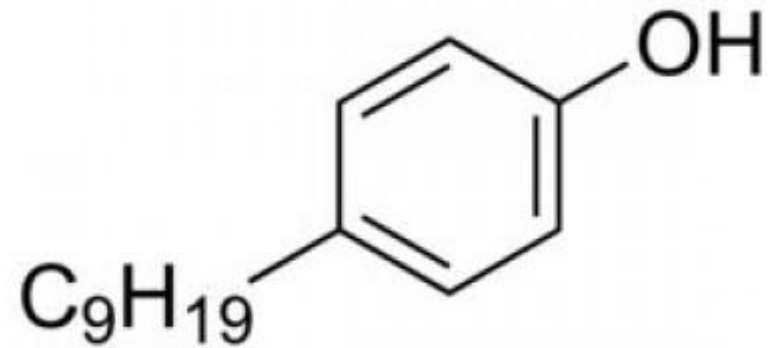
**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**In case of fire:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.



# Nonylphenol-4

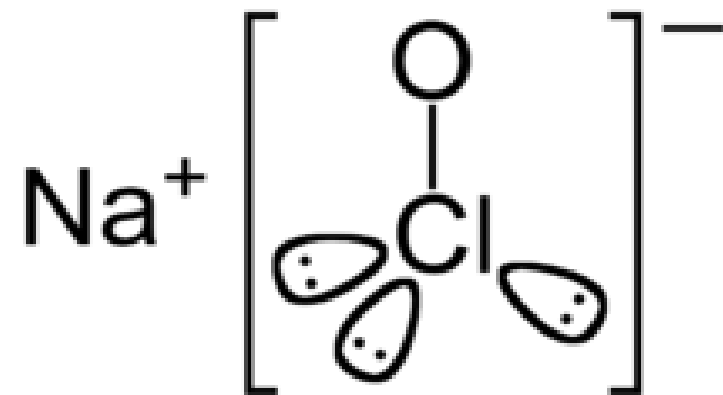
Nonionic, np-4 (nonylphenol-4) is clear, nearly colorless to yellow. Coated plastics drum, IBC, barrel are used for packaging.





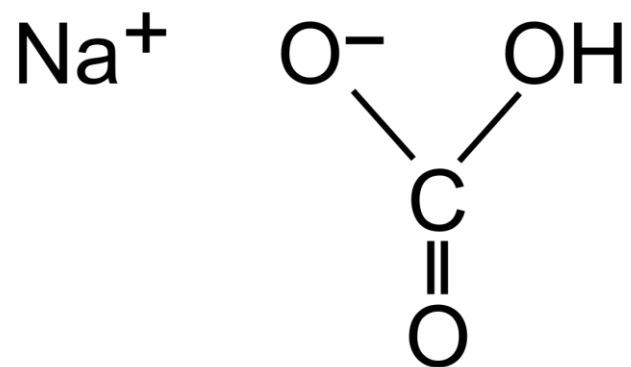
# Sodium Hypochlorite

Sodium hypochlorite is a clean greenish yellow liquid, a strong chlorine smelling chemical in its aqueous solution.



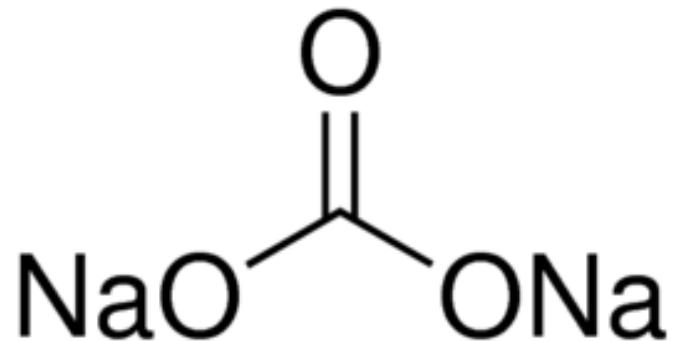
# Sodium Bicarbonate

White, opaque, monoclinic crystal or granule consisting of very small crystals in water soluble. Watery solution is a clear, slightly colorless, slightly alkaline substance.



# Sodium Carbonate Anhydrous

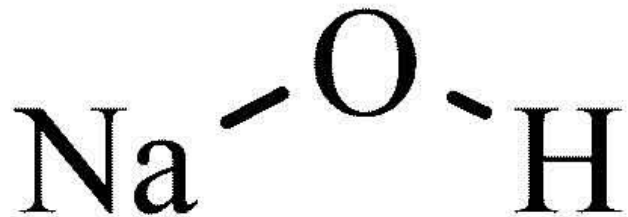
Sodium carbonate anhydrous is white and the sodium salt of carbonic acid. It can be packed in big bag, PP, craft bag.





# Sodium Hydroxide

The other name of sodium hydroxide is caustic. it is a white color and it is a moisture-absorbing substance easily dissolves in water.



## Sodium hydroxide, solid



### DANGER

Causes severe skin burns and eye damage.

### PREVENTION

Do not breathe dust. Wash skin and eyes thoroughly after handling. Wear protective gloves and clothing, and eye and face protection.

### RESPONSE

**If swallowed:** Rinse mouth. Do NOT induce vomiting. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **If inhaled:** Remove person to fresh air and keep comfortable for breathing.

**Immediately call a doctor or other medical personnel.**

# UNICHEM SOLUTIONS

Sahil Mah. Liman Cad. No: 132  
Basiskele 41090  
KOCAELI / TURKEY

Phone: +90 262 343 22 90  
[info@unichemsolutions.com](mailto:info@unichemsolutions.com)  
[www.unichemsolutions.com](http://www.unichemsolutions.com)

