

**DOLCHEM<sup>®</sup>**

**Quality Chemicals**

**Coating Additives**



*We've been with  
our customers for  
more than a  
decade.*

**DOLCHEM<sup>®</sup> provides enterprises  
with products of consistent quality  
and good quality-price ratio.**

A wide range of painting and coating  
chemical raw materials for  
home painting,  
surface finishing,  
road marking,  
construction,  
concrete.

## CHROMIC ACID

Chromic acid is used in metal and plastic coatings to produce a strong, tarnish-resistant, “chrome” finish for appliances, automobiles and many other applications.

✓ Used as a wood preservative for marine pilings, telephone poles, landscape timbers and other industrial wood applications.

✓ is used in ceramic glazes and to clean laboratory glassware.

✓ used in chromium-plating and in timber treatment as an antiseptic.

✓ also used in medicine, catalytic agent, pigment, colorant, oxidizers, glass coloring, oxide cracking, textile mordant, etc

**Appearance:** dark red flakes

**Odor:** odorless

**Melting point:** 197 °C

**Decomposition temperature:**  
198 °C

**Specific gravity:** 2.70 g/ cm<sup>3</sup>

**Solubility:** 625 g/ l in water  
(@20 °C)

**Stability in air:** very hygroscopic and deliquescent at humidity above 30%  
Highly oxidant. Highly deliquescent flammable in contact with organic compounds. Toxic.



## PHOSPHORIC ACID

Phosphoric acid is used in the process of phosphating metal surfaces. This operation reduces the risk of metals corroding, insulates them electrically, and encourages paint to adhere to the treated surface.

- ✓ Creates a surface coating that will allow proper paint adhesion;
- ✓ Anti-rusting for steel surfaces;
- ✓ Protects surfaces from oxidation;
- ✓ Additive agent in electroplating and polishing.

**Appearance:** colorless viscous liquid  
**Odor:** odorless  
**Melting point:** 21°C  
**Boiling point:** 158 °C  
**Decomposition temperature:** 300 °C.  
**Specific gravity:** 1.6850 g/cm<sup>3</sup>  
**Solubility:** miscible in water



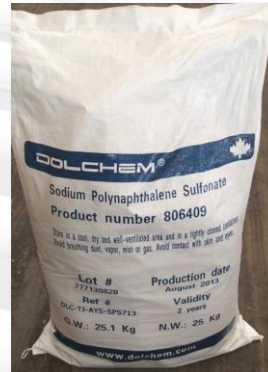
# SODIUM POLYNAPHTHALENE SULFONATE

Sodium Polynaphthalene Sulfonate is used as a dispersing agent in painting and paper making industry

It is also used as a water softener in the textile industry, pigmenting and dyeing operations.

- ✓ High range water reducing concrete admixture
- ✓ Wide adaptability to cement
- ✓ Reduces heat of hydration and improves concrete impermeability and pore structure

**Appearance:** light brown color powder  
**Specific gravity:** 0.6 (Water=1)  
**Solubility:** easily soluble in cold or hot water, methanol. Very slightly soluble in diethyl ether. Insoluble in n-octanol.



## ZINC CHLORIDE

Zinc chloride, in combination with water-soluble alkali metal silicate, is used to coat substrates normally infested by algae, such as concrete roofing tiles and other silicate-containing building materials.

✓ prevents or minimize algal infestation that imparts a dark, unsightly appearance;

✓ one of the three components to prepare color development materials for pressure-sensitive copying papers and thermo-sensitive recording papers.

**Appearance:** white powder or granular  
**Odor:** odorless  
**Melting Point:** 290 °C approx  
**Boiling Point:** 732 °C sublimes  
**Specific Gravity:** 2.91 g/ cm<sup>3</sup>  
- Solubility: 423 g/100g in water (@ 25 °C)



## ZINC STEARATE

**Zinc Stearate is used in paint and coating as sanding sealer and gloss imparting agent.**

✓ Widely applied in furniture coating, upscale ink and automotive coating, marine coating, powder coating, plastics, polymer resin, fiber rubber, paper, cosmetics, powder metallurgy and cement product industries, etc.

**Appearance:** white fine powder

**Odor:** fatty odor

**Density:** 1.095 g/cm,<sup>3</sup> solid

**Melting point:** 120 ± 5 °C

**Flash point:** 277 °C

**Auto ignition temperature:**  
420 °C

**Solubility:** insoluble in water;  
soluble in hot ethanol,  
benzol, etc.



## PACKAGING



50 KG iron drums



1600 KG IBC drums



260 KG iron drums



500 GR plastic bottles

We offer customized and improved packaging to better fit your needs:

- 15 KG, 25 KG, 35 KG, 45 KG, 55 KG, 160 KG, 1000 KG...
- For wholesalers and small to medium enterprises.
- Multilingual labeling.



And there's more!  
Explore our Coating Additives

**Database**



Security. Reliability.  
Flexibility. Integrity.

Contact us

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