



MaxNeutraSoft

Laundry Softener

DESCRIPTION

Max Neutrasoft is a concentrated liquid laundry product that has the dual capability of effectively neutralizing residual alkalinity and reducing static cling in commercial and institutional laundering processes.

Max Neutrasoft contains agents to aid in the prevention of fabric discoloration from rust in the wash water and helps keep fabrics looking bright. **Max Neutrasoft** also has the ability to make fabrics cling-free and soft to the touch to help prevent skin irritation and bed sores.

DIRECTIONS

Max Neutrasoft can be dispensed directly from the shipping container by your liquid laundry injection system. For specific applications, please check with your M-chem representative.

For best working results:

Flat work - neutralize wash water to pH 6.0

Shirt or rough dry - neutralize wash water to pH 5.0-5.5

PHYSICAL DATA

Appearance	Opaque liquid
Color	Creamy pink
Foam	Low
Odor	Pleasant floral
pH	1.0 - 2.0

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **MAX NEUTRASOFT**

WHMIS CODE: E
Proper Shipping Name: PHOSPHORIC ACID, LIQUID
Hazard Class: Class 8, P.G. III
UN Number: UN 1805

Product Use: *Liquid laundry sour and softener.*

HMIS	
3	Health
0	Flammability
0	Reactivity
B	Personal

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EMERGENCY PHONE
Canada: Canutec 613-996-6666
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
OXALIC ACID	144-62-7	5.0% - 10.0%	1 ppm	1 mg/m3
LD50 (oral rat)	475 mg/kg			
LD50 (dermal)	20 g/kg (rabbit)			
LC50	Not Available			
PHOSPHORIC ACID	7664-38-2	5.0% - 10.0%	1 ppm	1 ppm
LD50 (oral rat)	1530 mg/kg			
LD50 (dermal)	2740 mg/kg (rabbit)			
LC50	No Data			

SECTION 3 – PHYSICAL DATA

Color and Odor: Pink, mild odor. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** 1.0 - 2.0.
Physical State: Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 1.06 @ 20°C.
Coeff. Water/Oil Dist: Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-flammable. **Sensitivity to Mechanical Impact:** None. **Conditions of Flammability:** None.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Extinguishing Media: Product is not flammable. Use extinguishing media suitable for surrounding fires.
Unusual Fire and Explosion Hazards: Flammable hydrogen gases may be produced in contact with some metals.
Hazardous Combustion Products: None known.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not Occur.
Incompatibility (material to avoid): Strong alkaline, some metals like aluminum, zinc, etc.
Hazardous Decomposition Products: Flammable hydrogen gases may be produced in contact with some metals. Oxides of phosphorus may be produced under fire conditions.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin, eyes, inhalation.
Irritancy of Product: Corrosive to skin, eyes and respiratory system. **Carcinogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Repeated contact with concentrated product will cause skin damage.
Effects of Acute Exposure to Product: Corrosive: Causes damage to eyes and skin in concentrated form.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Use a NIOSH/MSHA approved mist/vapor respirator if product dust is generated.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural, butyl rubber, nitrile, or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F), and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spill, absorb spills into sand or inert absorbent compound. Scoop into approved waste containers for disposal. Neutralize residue with sodium bicarbonate or soda ash. Keep away from sewers and natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Do not place adjacent to chlorine/chlorite containing products. Physically separate the containers. Store at temperatures below 30°C (86°F), and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE