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SAFETY DATA SHEET

Marbling Surfactant

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Section 01 - Product Information

Trade name: Marbling Surfactant

Synonyms: Product Has No Synonyms

Primary product use: Textile auxiliary

Chemical family: phosphate ester

Supplied by: PRO Chemical & Dye
126 Shove Street
Fall River, MA 02724

Emergency Telephone Numbers:
800-255-3924 ChemTel. (United States)
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Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:		
Component	CAS-no. (Trade secret no.)	Concentration
1-Butoxy-2-Propanol	5131-66-8	> 1 %
Ethoxylated compound		> 1 %

Section 03 - Hazards identification

Expected Route of entry:

Inhalation:	Yes
Skin contact:	Yes
Eye contact:	Yes
Ingestion:	Yes
Skin absorption:	Yes

Health effects of exposure:

2-Propanol, 1-butoxy- (5131-66-8)

Inhalation may cause irritation to the respiratory tract and to other mucous membranes. Eye contact may cause moderate irritation, including burning

sensation, tearing, redness or swelling. Skin contact which is extensive/prolonged or repeated exposure may result in significant absorption. May cause skin irritation. This material may be a slight health hazard if ingested in large quantities. Summary of chronic hazards - Repeated or prolonged exposure may affect the central nervous system (CNS) and cause a burning sensation and itchiness to skin. Overexposure may produce anesthetic or narcotic effects. Information available on the chronic health effects from long-term exposure to this material is limited. Information available indicates increased liver size in animals and potential effects to the fetus following repeated exposure, but teratogenicity is not likely and does not interfere with reproduction (route and doses not specified).

Ethoxylated Compound

Some ethoxylated compounds have been known to cause eye and skin irritation. Ingestion may cause gastrointestinal irritation, diarrhea, nausea and vomiting.

Known effects on other illnesses: No known effects on other illnesses for this product.

Listed carcinogen: IARC: No
NTP: No
OSHA: No
Other: No

HMIS:

Health: 1 * Flammability: 1 Reactivity: 0 Personal protection: D

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

After ingestion:

If ingested, seek medical assistance immediately.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: 209F
Method: TCC

Lower explosion limit: not determined

Upper explosion limit: not determined

Ignition temperature: not determined

Hazardous combustion products:

Thermal decomposition may produce oxides of phosphorus and carbon, acids of phosphorous and phosphine.

Extinguishing media: Water
Alcohol resistant foam
Carbon dioxide
Dry Chemical

Special fire fighting procedure:

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards: None known.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

Section 07 - Handling and Storage

Advice on safe handling:

Avoid getting on skin or in eyes when handling product.

Further info on storage conditions:

Keep containers closed.

Section 8 - Exposure controls/personal protection

Respiratory protection: If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134

Hand protection: Butyl Rubber, PVC Or Neoprene.

Eye protection: Chemical splash goggles.

Other protective equipment: Clothing suitable to prevent skin contact.

Advice on system design: Local ventilation recommended - mechanical ventilation may be used.

IDLH: Not Determined

Section 9 - Physical and chemical properties

Form: Liquid
Color: amber
Odor: Slight odor.
pH: 7.0 - 8.5
Solubility in water: soluble
Density: 1.1 g/cm³
Boiling point: > 212F

Section 10 - Stability and reactivity

Thermal decomposition: No decomposition if used as prescribed.

Chemical stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to avoid: Conditions to avoid: None known.
Strong oxidizing agents and strong cationic compounds.

Section 11 - Toxicological information

Product information:

Acute oral toxicity: LD50 > 2,000 mg/kg (rat)
Method: 1999/45/EC

Skin irritation: Not tested

Eye irritation: Not tested

Section 12 - Ecological information

Remarks:

No data available.

Section 13 - Disposal considerations

Waste disposal information:

Small quantities may be treated in aerobic wastewater treatment systems.
Larger quantities may be incinerated or landfilled after solidification in permitted systems.

RCRA hazardous waste:

No -- Not as sold.

Section 14 - Transport information

DOT not restricted
IATA not restricted
IMDG not restricted

TSCA Status:

All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive hazard: no
Pressure hazard: no
Fire hazard: no
Immediate/acute: yes
Delayed/chronic: yes

SARA 313 information:

This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act:

Contains no known priority pollutants at concentrations greater than 0.1 %.

Volatile organic compounds VOC:

Remarks: Not Available

FDA:

Permitted for Use per NONE
Section: This product is not registered with the FDA.

Section 16 - Other information

Other precautions:
None Known

Label information:
CAUTION!

MAY CAUSE IRRITATION TO EYES AND SKIN HARMFUL IF
SWALLOWED

Repeated exposures may result in liver damage.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear proper protective equipment. Keep container closed when not in use. Wash thoroughly after handling.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of the manufacturer, its business partners or suppliers.