

SAFETY DATA SHEET

LIQUID LAUNDRY STARCH

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: LIQUID LAUNDRY STARCH
 PRODUCT USE: Laundry product
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- EYE DAMAGE IRRITATION Category 2A

LABEL ELEMENTS



- SIGNAL WORD: WARNING
- HAZARD STATEMENT(S): CAUSES EYE IRRITATION.
- PRECAUTIONARY STATEMENTS: Dispose of contents/ containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth..

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Triethanolamine	0.1-0.5	102-71-6

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.
Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.
Ingestion: Call a doctor for medical advice. Rinse mouth. Do not induce vomiting.

Note to physician: Treat symptomatically, no specific antidote. See toxicological information (section 11)

SAFETY DATA SHEET

LIQUID LAUNDRY STARCH

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use water spray, fog or foam.

Unsuitable Extinguishing Media: None known

Specific hazards arising from the product: None known.

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide and nitrogen oxide.

Advice for fire-fighters: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

Environmental precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods and materials for containment and cleaning up: Use a water rinse for final clean-up.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Procedures: Keep containers closed when not in use. Do not freeze. Store between the following temperatures: 5 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV	STEL	OSHA PEL		AIHA WEEL	
	TWA		TWA	Ceiling	8 hour TWA	Short term TWA Ⓢ
Triethanolamine	5mg/m ³					

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

Appropriate Engineering Control: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual Protection Measure:

Eye/Face Protection: Do not get into eyes. Wear chemical safety goggles.

Skin Protection: No known effect after skin contact. Rinse with water.

Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, milky white colour.

Odour: Odourless.

SAFETY DATA SHEET

LIQUID LAUNDRY STARCH

pH :	8 (100 %)
Melting Point:	Not available
Boiling point:	> 100 °C
Flash Point:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Lower flammable/explosive limit:	Not available
Upper flammable/explosive limit:	Not available
Relative Density:	Approx. = 1 (Water = 1)
Viscosity:	Not available
Solubility in water:	Soluble
Auto ignition temperature	Not available
Partition coefficient - n-octanol/water:	Not available
Decomposition temperature:	Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	No specific data.

SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 (dermal)
Triethanolamine	Not Available	>5000 mg/kg (rat oral)	>2000 mg/kg (rabbit)

Routes of exposure: Skin contact, Eye contact, Ingestion.

Eye contact: Material may cause irritation.

Skin contact. No specific data.

Inhalation: No specific data.

Acute toxicity:

Eye contact: Causes eye irritation.

Skin contact: Not known.

SAFETY DATA SHEET

LIQUID LAUNDRY STARCH

Inhalation: Not known significant effects.

Ingestion: Not known significant effects.

Germ cell mutagenicity: Not available

Carcinogenicity: Not available.

Reproductive toxicity: No evidence of reproductive toxicity or developmental toxicity.

STOT - single exposure irritating to respiratory system.

STOT - Not classified.

Aspiration hazard: Not classified.

SECTION 12 – ECOLOGICAL CONSIDERATION

Eco toxicity : This material may be harmful to aquatic life.

Bio accumulative potential Inorganic: The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Other adverse effects: Not known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Not regulated.

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

March 10, 2016: **Revision 1**

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: www.alpinechem.com

Disclaimer:

The information contained in this form is based on data from sources considered technically reliable and has been provided in good faith in accordance with the available material. It is provided as a service to the persons using the product but conditions of use and handling may involve other and additional consideration beyond our control. No warranty, expressed or implied, is made and we will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information in this form.