

SAFETY DATA SHEET

ACCELERATOR

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: ACCELERATOR
 PRODUCT USE: Laundry Detergent
 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

- OXIDIZING LIQUIDS Category 1, SKIN CORROSION /IRRITATION Category 1A, EYE DAMAGE IRRITATION Category 1

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): OXIDIZER, HARMFUL IF SWALLOWED, CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
- PRECAUTIONARY STATEMENTS: Wear protective gloves/protective clothing/eye protection/face protection. Keep away from combustible materials. 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
Hydrogen Peroxide	9	7722-84-1
Alcohol ethoxylate	5 - 15	68131-39-5
Ethylene diamine tetra acetic acid sodium salt	1 - 5	13235-36-4
Optical brightener	0.01-0.1	54351-85-8

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.

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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)

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: Keep away sources of ignition.

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

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: Ventilate adequately, otherwise wear an appropriate breathing apparatus. 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		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hour TWA	Short term TWA ©
Hydrogen Peroxide	1 ppm		1 ppm		Not available	
Alcohol ethoxylate	Not available		Not available		Not available	

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.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, colourless.
Odour:	None.
Odor Threshold:	Not available
Initial boiling point and boiling range	Not available
pH :	7 (100 %)
Melting Point:	Not available
Thermal decomposition:	Not available
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Upper explosion limit:	Not available
Lower explosion limit:	Not available
Relative Density:	Approx. = 1 (Water = 1)
Viscosity:	Not available
VOC:	Not available
Solubility in water:	Soluble
Solubility in other solvents:	Not available
Partition coefficient: octanol/water	Not available
Molecular weight:	Not available
Oxidizing properties:	Oxidizer.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	Brass, Copper, Powdered metals, Iron, Iron and iron salts, combustible materials, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	No specific data.

SECTION 11 – TOXICOLOGICAL INFORMATION

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Chemical Name	LC50	LD50	LD50 (dermal)
Alcohol ethoxylate	Not Available	Not Available	Not Available
Hydrogen Peroxide	Not Available	2000 mg/kg (rat)	4060 mg/kg (rat)
Optical Brightener	Not Available	> 2000 mg/kg (rat)	> 2000 mg/kg (rat)

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

Eye contact: Eye burns, pain, watering eyes.

Skin contact. Redness, burning, itching and pain.

Inhalation: Causes irritation and pain.

Acute toxicity:

Eye contact: Causes eye damage.

Skin contact: Causes skin burns.

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: UN 2984 HYDROGEN PEROXIDE AQUEOUS SOLUTION CLASS 5.1 PG III.

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE: April 18, 2016: **Revision 1**

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