

# SAFETY DATA SHEET

## PeraClean

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: PeraClean  
 PRODUCT USE: Laundry bleach.  
 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

- ORGANIC PEROXIDE TYPE F, SKIN CORROSION /IRRITATION Category 1A, EYE DAMAGE IRRITATION Category 1

#### LABEL ELEMENTS



- SIGNAL WORD: DANGER
- 1- HAZARD STATEMENT(S): Causes severe skin burns and eye damage. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. May cause respiratory irritation. Heating may cause a fire.
- 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
Acetic Acid	40-70	64-19-7
Peroxyacetic acid	10-30	79-21-0
Hydrogen Peroxide	3-7	7722-84-1

### 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.

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**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)

### SECTION 5 – FIRE FIGHTING MEASURES

**Extinguishing Media:**

**Suitable Extinguishing Media:** Use water spray. Carbon dioxide. Dry chemical. Alcohol foam.

**Specific hazards arising from the product:** Keep away sources of ignition.

**Hazardous thermal decomposition products:** On decomposition product releases oxygen which may intensify fire.

**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	
Acetic Acid	1 ppm	15 ppm	25 mg/m <sup>3</sup>			

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:** Use rubber gloves. Rinse with water.

**Respiratory protection:** Where exposure guidelines may be exceeded, use an appropriate NIOSH aspirator.

**Inhalation:** No special measures required. Treat symptomatically.

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid, colourless.
<b>Odour:</b>	Pungent.
<b>Odor Threshold:</b>	Not available
<b>Initial boiling point and boiling range</b>	Not available
<b>pH :</b>	Not available.
<b>Melting Point:</b>	Not available
<b>Thermal decomposition:</b>	Not available
<b>Flash Point:</b>	172.4-179.6 °F ( 78-80 ° C)
<b>Evaporation Rate:</b>	Not available
<b>Flammability:</b>	Not available
<b>Explosive Limit:</b>	Not available
<b>Upper explosion limit:</b>	Not available
<b>Lower explosion limit:</b>	Not available
<b>Relative Density:</b>	Approx. = 1.12 ( Water = 1 )
<b>Viscosity:</b>	Not available
<b>VOC:</b>	Not available
<b>Solubility in water:</b>	Soluble
<b>Solubility in other solvents:</b>	Not available
<b>Partition coefficient: octanol/water</b>	Not available
<b>Molecular weight:</b>	Not available
<b>Oxidizing properties:</b>	Strong oxidizer.

### SECTION 10 – STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable under normal conditions. Decomposes on heating.
<b>INCOMPATIBILITY</b>	Brass, Copper, Powdered metals, Iron, Iron and iron salts, combustible materials, alkalis.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Oxygen which supports combustion. Liable to produce overpressure in container
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>CONDITIONS TO AVOID:</b>	Excessive heat; Contamination; Exposure to UV-rays; pH variations.

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### SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 ( dermal )
Hydrogen Peroxide	Not Available	2000 mg/kg ( rat )	4060 mg/kg ( rat )
Acetic Acid	11.4 mg/l rat, 4 hours	3310 mg/kg rat	1060 mg/kg rat

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

**Eye contact:** Eye burns, pain, watering eyes. May cause blindness.

**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:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects.

**Ingestion:** Harmful if swallowed.

**Carcinogenicity:** Not known for causing cancer

**Mutagenicity:** Not known.

**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 3109 ORGANIC PEROXIDE TYPE F, LIQUID (LESS THAN 18 % PEROXYACETIC ACID) CLASS 5.2 (8) PG II

### SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

### SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

MARCH 10, 2017: **Revision 1**

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