

SAFETY DATA SHEET

CHLOR SOAK

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: CHLOR SOAK
 PRODUCT USE: Presoak, sanitizer.
 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 1, SKIN CORROSION/IRRITATION CATEGORY 2. SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE CATEGORY 2B.

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): CAUSES EYE DAMAGE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY 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 |
|---------------------|-----------|------------|
| Sodium hypochlorite | 2-8 | 7681-52-9 |
| Trisodium Phosphate | 30 - 40 % | 10101-89-0 |

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. 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. Continue rinsing. Get medical attention immediately.

Ingestion: Call a doctor immediately. Rinse mouth. Do not induce vomiting.

SAFETY DATA SHEET

CHLOR SOAK

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: Not flammable.

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. 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 Ⓢ |
| Sodium Hypochlorite | 2 mg/m ³ | | 2 mg/m ³ | | 2 mg/m ³ | |
| Trisodium Phosphate | 10 mg/ m ³ | | 15 mg/ m ³ | | 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: Personal protective equipment comprising: nitrile gloves, safety goggles and protective clothing.

Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

SAFETY DATA SHEET

CHLOR SOAK

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-------------------------------------|
| Appearance: | Powder, free flowing, white colour. |
| Odour: | Slightly chlorine |
| pH (1 %) | 11.8 |
| Melting Point: | Not available |
| Boiling point: | Not applicable |
| 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: | Not available |
| 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: | Acids. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | None |
| HAZARDOUS POLYMERIZATION: | Will not occur. |
| CONDITIONS TO AVOID: | Avoid contact with strong acids. |

SECTION 11 – TOXICOLOGICAL INFORMATION

| Chemical Name | LC50 | LD50 | LD50 (dermal) |
|---------------------|---------------|---------------------|-------------------------|
| Sodium Hypochlorite | Not available | 5230 kg (rat) | >10000 mg/kg (Rabbit) |
| Trisodium Phosphate | Not available | >7400 mg/kg (rat) | Not available |

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

Eye contact: Causes eye damage.

Skin contact. Causes skin irritation.

Ingestion: Causes irritation to mouth, throat and stomach.

Inhalation: May cause nose, throat, and lung irritation.

Acute toxicity:

SAFETY DATA SHEET

CHLOR SOAK

Eye contact: Causes eye redness, damage.

Skin contact: May cause irritation to the skin.

Inhalation: Respiratory irritation.

Ingestion: Causes ache to stomach.

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:

May 05, 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.