



MATERIAL SAFETY DATA SHEET

CHLOR SOAK

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Chlor Soak
GENERAL/GENERIC NAME:
PRODUCT USE: Presoak, sanitizer.
EFFECTIVE DATE: August 21, 2014
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
9 City View Drive, Etobicoke, Ontario M9W 5A5
24 HOUR EMERGENCY NO. 613-996-666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Sodium hypochlorite	5 – 10 %	7681-52-9	5000 >10000 mg/kg	Not available
Trisodium phosphate	30 - 40 %	10101-89-0	7400 >2 mg/kg	Not available

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: May cause irritation.

Eye Contact: May cause transient irritation.

Inhalation: Mist may cause irritation of the respiratory tract.

Ingestion: May cause irritation to digestive tract.

Effects of Acute Exposure: (see section 11 for Toxicological information).

SECTION 4 – FIRST AID

Eyes: Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use. Seek medical attention if skin is burned or symptoms continue.

Inhalation: Remove victim to fresh air. Aid in breathing if necessary. If breathing stops, administer artificial respiration. Seek medical attention. Effects may be delayed for a few hours and aggravated by physical exertion.

Ingestion: Give plenty of water to drink to dilute stomach contents. **Do not induce vomiting.** Seek immediate medical attention.

Note to Physician: Risk of permanent corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: NA
FLAMMABLE LIMITS: Not flammable
AUTO-IGNITION TEMP: NA
EXTINGUISHING MEDIA: Will not burn, Suitable for surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear the usual protective gear; self-contained breathing apparatus
EXPLOSION DATA: NA
HAZARDOUS COMBUSTION PRODUCTS: Fumes produced when heated to decomposition may include; chlorine

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Sweep or shovel material into waste container. Flush residue with water.

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SECTION 7 – HANDLING AND STORAGE

Handling Procedures: Avoid all skin contact. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Keep container closed when not in use.

Storage Procedures: Keep containers closed when not in use. Do not store with incompatible materials.

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: In dust atmosphere, use an approved dust respirator.

VENTILATION: Local exhaust should be used to minimize dust.

PROTECTIVE GLOVES: Rubber or polyethylene gloves

EYE PROTECTION: Chemical safety glasses

OTHER PROTECTIVE MEASURES: As needed to prevent contact with clothing.

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Solid
APPEARANCE AND ODOUR: White powder, chlorine odor
ODOUR THRESHOLD: Not Available
BULK DENSITY: 0.80 – 0.90 G/CM3
VAPOUR PRESSURE: NA
VAPOUR DENSITY: NA
PH: 11.8 (1%)
EVAPORATION RATE: ND
INITIAL BOILING POINT: NA
WATER SOLUBILITY: Complete
FREEZING POINT: Not Available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Acids,. Cause vigorous exothermic reactions. Reducing materials, amines, ammonia
HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, oxides of phosphorus
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Contact with aluminium, zinc, tin or galvanized metals.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: NE
EFFECTS OF ACCUTE EXPOSURE: Severe irritant
SKIN CONTACT: May cause severe irritation
EYE CONTACT: Corrosive. May cause severe irritation. May injure eye tissue if not removed promptly.
INHALATION: Dust can cause irritation and injury to respiratory system.
INGESTION: Corrosive. May cause gastrointestinal irritation. May cause nausea, vomiting, and diarrhea.
EFFECT OF CHRONIC EXPOSURE: See above
IRRITANCY OF PRODUCT: Severe irritant
CARCINOGENICITY: Not listed by IARC or ACGIH
SENSITIZATION TO MATERIAL: NA
REPRODUCTION TOXICITY: NA
TERATOGENICITY: NA
MUTAGENICITY: NA

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SECTION 12 – ECOLOGICAL CONSIDERATION

The orthophosphate can act as plant nutrient and precipitate heavy metals.

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

WHMIS Classification: D2B

SECTION 16 – OTHER INFORMATION

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