



MATERIAL SAFETY DATA SHEET

LOW TEMP SANI CASE

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Low Temp Sani (Case)
GENERAL/GENERIC NAME:
PRODUCT USE: 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. 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Sodium Hypochlorite	3 - 7	7681-52-9	NA	Oral Rat LD50 Acute 4445

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: Causes irritation.

Eye Contact: Causes 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 corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None
FLAMMABLE LIMITS: NA
AUTO-IGNITION TEMP: NA
EXTINGUISHING MEDIA: Ventilate area, flush product with water, prevent released product from coming in contact with other chemicals.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.
EXPLOSION DATA: ND
HAZARDOUS COMBUSTION PRODUCTS: Acids, vigorous reaction with oxidizing or organic materials, may explode when exposed to extreme heat (fire).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain spill; absorb onto inert material.

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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 from freezing. Keep containers closed when not in use.

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Respirator when handling spills.

VENTILATION: General ventilation adequate.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE MEASURES: Rubber boots

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE AND ODOUR: Clear slightly yellow, mild chlorine odour

ODOUR THRESHOLD: NA

SPECIFIC GRAVITY: 1.095 (Water = 1)

VAPOUR PRESSURE: NA

VAPOUR DENSITY: Similar

PH: 12.8 – 13.1

EVAPORATION RATE: NA

INITIAL BOILING POINT: 100°C approximately

WATER SOLUBILITY: Soluble

FREEZING POINT: <-5°C

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine (by reaction with acids, ammonia, urea, nickel, copper and iron).

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid heat, fire, organic matter and nitrogen containing compounds.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND

EFFECTS OF ACCUTE EXPOSURE:

SKIN CONTACT: Corrosive. May cause severe irritation.

EYE CONTACT: Corrosive. May cause severe burns.

INHALATION: Corrosive. Breathing mist or spray may cause irritation of respiratory tract.

INGESTION: Corrosive. May cause irritation to digestive tract.

EFFECT OF CHRONIC EXPOSURE:

IRRITANCY OF PRODUCT: Moderate

CARCINOGENICITY: ND

SENSITIZATION TO MATERIAL: ND

REPRODUCTION TOXICITY: ND

TERATOGENICITY: ND

MUTAGENICITY: ND

SECTION 12 – ECOLOGICAL CONSIDERATION

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This product is very toxic to aquatic life.

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,E

SECTION 16 – OTHER INFORMATION

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Disclaimer:

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