



MATERIAL SAFETY DATA SHEET

DESTAIN

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Destain
GENERAL/GENERIC NAME:
PRODUCT USE: Bleach
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	12	7681-52-9	NA	Oral Rat LD50 Acute

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: Causes irritation.

Eye Contact: Causes burns.

Inhalation: Mist causes irritation of the respiratory tract.

Ingestion: Causes 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: 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 spills; 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 containers closed. Keep in a cool place away from direct sunlight or heat. Store away from acids, ammonia and organic materials.

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 ACUTE 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

The toxicity and corrosivity of this product is a function of concentration and the concentration's pH.
ECOTOXICOLOGICAL INFORMATION: Toxic to aquatic life. 96-hour LC50: fathead minnows: 0.090-5.9 mg/L, bluegill, sunfish: 0.10-2.48 mg/L, shore crab: 1.418 mg/L, grass shrimp: 52.0 mg/L, scud: 0.145-4.0 mg/L, water flea: 2.1 mg/L.

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SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Sodium Hypochlorite
Class 8 UN 1791 PG III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: www.alpinechem.com

Disclaimer:

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