



# MATERIAL SAFETY DATA SHEET

## X-TREME LAUNDRY DETERGENT

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: X-TREME  
GENERAL/GENERIC NAME:  
PRODUCT USE: Laundry Detergent  
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 Carbonate	30-60	497-19-8	None	LD50 4000 mg/kg (oral/rat)
Sodium dodecylbenzenesulphonate	5 – 15	25155-30-0	ND	LD50 1260 mg/kg ( oral/rat)
Fatty alcohol ethoxylate	5 - 10	9002-92-0	ND	ND
EDTA disodium salt dihydrate	1 – 5	6381-92-6	ND	ND

### 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 temporary injury if splashed into eyes.

### SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: NA  
FLAMMABLE LIMITS: NA  
AUTO-IGNITION TEMP: NA  
EXTINGUISHING MEDIA: Water spray, dry chemical, foam, CO2  
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.  
Protect eyes and skin from contact.  
EXPLOSION DATA: NA  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxides of Carbon

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

# MATERIAL SAFETY DATA SHEET

## X-TREME LAUNDRY DETERGENT

**Leak/Spill:** Contain spills; absorb onto inert material.

### 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: Dust mask.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Chemical resistant gloves for prolonged exposure.  
EYE PROTECTION: Safety glasses or goggles  
OTHER PROTECTIVE MEASURES:

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Solid  
APPEARANCE AND ODOUR: Off-White solid  
ODOUR THRESHOLD: NA  
SPECIFIC GRAVITY: 1.2 – 1.4  
VAPOUR PRESSURE: NA  
VAPOUR DENSITY: NA  
PH (1% solution): 10– 11  
EVAPORATION RATE: NA  
INITIAL BOILING POINT: NA  
WATER SOLUBILITY: Complete  
FREEZING POINT: NA

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable  
INCOMPATIBILITY: Do not mix with strong acids  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen and carbon monoxide  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Contact with acids will generate heat.

### SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND  
**EFFECTS OF ACCUTE EXPOSURE:**  
SKIN CONTACT: May cause irritation.  
EYE CONTACT: May cause irritation. May cause temporary or permanent damage if not treated promptly.  
INHALATION: Breathing dust may cause irritation of the respiratory tract.  
INGESTION: Will cause gastrointestinal irritation.  
EFFECT OF CHRONIC EXPOSURE: None known  
IRRITANCY OF PRODUCT: Slight  
CARCINOGENICITY: ND  
SENSITIZATION TO MATERIAL: ND  
REPRODUCTION TOXICITY: ND  
TERATOGENICITY: ND  
MUTAGENICITY: ND

### SECTION 12 – ECOLOGICAL CONSIDERATION

This product is biodegradable.

# MATERIAL SAFETY DATA SHEET

## X-TREME LAUNDRY DETERGENT

### **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**

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: [www.alpinechem.com](http://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.