

# MATERIAL SAFETY DATA SHEET

## ALL PURPOSE DET

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: All Purpose Det  
 GENERAL/GENERIC NAME:  
 PRODUCT USE: Detergent  
 EFFECTIVE DATE: October 6, 2011  
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.  
 24 Ronson Drive, Unit 16  
 Etobicoke, Ontario M9W 1B4  
 613-996-6666  
 24 HOUR EMERGENCY NO.:

### SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	TLV	CAS.NO	LD50 / LC50
Glycol Ether EB	1 – 5	ND	111-76-2	ND
Ethoxylated Fatty Alcohol	1 – 5	ND	9002-92-0	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:** May cause corneal injury if splashed into eyes.

### SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None  
 FLAMMABLE LIMITS:  
 AUTO-IGNITION TEMP: NA  
 EXTINGUISHING MEDIA: NA  
 SPECIAL FIREFIGHTING PROCEDURES: NA  
 EXPLOSION DATA: NA  
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Contain spill; 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.

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### SECTION 8 – EXPOSURE CONTROLS

**Engineering Controls:** Emergency shower should be in close proximity. Eye wash facility should be close in proximity.

RESPIRATORY PROTECTION:

VENTILATION: General ventilation adequate.

PROTECTIVE GLOVES: Gloves, impervious

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE MEASURES: Apron and boots recommended under exceptional circumstances such as spill or for prolonged contact with bulk quantities.

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Clear colorless liquid  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.05  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
PH: (1% ) 12  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: 100°C approximately  
WATER SOLUBILITY: Complete  
FREEZING POINT: 0°C approximately

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Product is stable  
DECOMPOSITION PRODUCTS: See fire degradation products.  
REACTIVITY: Not likely to occur.

### SECTION 11 – TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY: Ingestion. Skin contact. Eye contact. Inhalation.  
TOXICITY FOR ANIMALS: Not Available  
ACUTE EFFECTS: May cause irritation.  
CHRONIC EFFECTS: Prolonged exposure may cause skin and eye irritation.  
CARCINOGENIC EFFECTS: Not Available  
MUTAGENIC EFFECTS: Not Available  
TERATOGENIC EFFECTS: Not Available  
DEVELOPMENTAL TOXICITY: Not Available

### SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystems.

### SECTION 13 – DISPOSAL CONSIDERATIONS

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

### SECTION 14 – TRANSPORT INFORMATION

**TDG Classification:** Not Regulated

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### **SECTION 15 – REGULATORY INFORMATION**

WHMIS Classification: D2B

### **SECTION 16 – OTHER INFORMATION**

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