SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: All Purpose Detergent
GENERAL/GENERIC NAME: Heavy duty industrial cleaner
PRODUCT USE: All Purpose 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

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>%W/W</th>
<th>TLV</th>
<th>CAS.NO</th>
<th>LD50 / LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol Ether EB</td>
<td>1 – 5</td>
<td>ND</td>
<td>111-76-2</td>
<td>ND</td>
</tr>
<tr>
<td>Ethoxylated Fatty Alcohol</td>
<td>1 – 5</td>
<td>ND</td>
<td>9002-92-0</td>
<td>ND</td>
</tr>
</tbody>
</table>

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
EXTINQUISHING 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

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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

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 yellow liquid
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.05
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: as is 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

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B

SECTION 16 – OTHER INFORMATION

Prepared by: Lab Personnel
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Website: www.alpinechem.com

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