



# MATERIAL SAFETY DATA SHEET

## Alpine Green choice Dishwash liquid

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Alpine Green choice Dishwash liquid  
GENERAL/GENERIC NAME:  
PRODUCT USE: Dishwashing 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	CAS.NO	TLV	LD50 / LC50
Sodium Hydroxide	1-5	1310-73-2	2mg/m3	LD50 365 mg/kg (oral/rat)
Sodium lauryl ether sulfate	2 – 10	32612-48-9	ND	ND
Dodecyl benzensulfonic acid	10 – 20	27176-87-0	ND	ND

### SECTION 3 – HAZARDS IDENTIFICATION

#### Route of Entry:

**Skin Contact:** Won't cause irritation.

**Eye Contact:** Won't 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:** Temporary injury if splashed into eyes.

### SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: ND  
FLAMMABLE LIMITS: ND  
AUTO-IGNITION TEMP: ND  
EXTINGUISHING MEDIA: As per surrounding fire.  
SPECIAL FIREFIGHTING PROCEDURES: Wear self - contained breathing apparatus and special protective clothing.  
EXPLOSION DATA: ND  
HAZARDOUS COMBUSTION PRODUCTS: ND

### 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. Do not store with incompatible materials.

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### SECTION 8 – EXPOSURE CONTROLS

#### PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Rubber  
EYE PROTECTION: Safety goggles  
OTHER PROTECTIVE MEASURES: ND

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Clear, amber liquid  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.03  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
PH: 6 – 7.5  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: 100°C approximately  
WATER SOLUBILITY: Complete  
FREEZING POINT: 0°C approximately

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable  
INCOMPATIBILITY: ND  
HAZARDOUS DECOMPOSITION PRODUCTS: ND  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: ND

### SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Stable  
HEALTH HAZARDS (ACUTE & CHRONIC): This skin care cosmetic is not hazardous or toxic under normal use and conditions.  
CARCINOGENICITY: Not listed  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known  
ROUTES OF ENTRY: Eye, ingestion  
SIGNS & SYMPTOMS OF EXPOSURE:  
EYE CONTACT: May cause eye irritation.  
INGESTION: May cause gastric upset.

**INHALATION:** *Prolonged exposure may cause irritation of the respiratory tract***SECTION 12 – ECOLOGICAL CONSIDERATION**

Biodegradable product.

### 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:** Not regulated.

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<b>SECTION 16 – OTHER INFORMATION</b>
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