



# MATERIAL SAFETY DATA SHEET

## ANTIMICROBIAL HAND SOAP

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Antimicrobial hand soap  
GENERAL/GENERIC NAME:  
PRODUCT USE: Antimicrobial Hand Soap  
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	CAS.NO	%W/W	TLV	LD50 / LC50
Sodium C14-C16 Olefin Sulphonate	64-17-5	40-70	NA	NA

### SECTION 3 – HAZARDS IDENTIFICATION

**Route of Entry:**

**Skin Contact:** Won't 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 water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use.

**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.

### SECTION 5 – FIRE FIGHTING MEASURES

PRODUCT IS: Non-Flammable  
AUTO IGNITION TEMPERATURE: NA  
FLASH POINTS: NA  
DEGRATION PRODUCTS: NA  
EXTINGUISHING MEDIA: NA

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

### SECTION 7 – HANDLING AND STORAGE

**Handling Procedures:** Avoid contact with eyes or clothing. Keep container closed when not in use.

**Storage Procedures:** Keep from freezing. Keep containers closed when not in use.

# MATERIAL SAFETY DATA SHEET

## ANTIMICROBIAL HAND SOAP

### SECTION 8 – EXPOSURE CONTROLS

#### PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Not required  
EYE PROTECTION: Safety Glasses  
OTHER PROTECTIVE MEASURES: Avoid eye contact. Store at room temperature. Keep out of reach of children and pets.

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Light blue, opaque and viscous liquid, baby powder fragrance  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.01 – 1.03 (water=1)  
VAPOUR PRESSURE: NA  
VAPOUR DENSITY: NA  
PH Concentrate 6.5 – 7.5  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: 100°C (212°F)  
WATER SOLUBILITY: Easily soluble in cold water, hot water.  
FREEZING POINT: 0°C

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable  
INCOMPATIBILITY: NA  
HAZARDOUS DECOMPOSITION PRODUCTS: See fire degradation products.  
REACTIVITY: No specific information is available in our database regarding the reactivity of this material in presence of various other materials.

### SECTION 11 – TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY: Ingestion. Skin contact. Eye contact. Inhalation.  
TOXICITY FOR ANIMALS: Not Available  
ACUTE EFFECTS: May cause eye and skin 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

# MATERIAL SAFETY DATA SHEET

## ANTIMICROBIAL HAND SOAP

### **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.