



# MATERIAL SAFETY DATA SHEET

## LEMON DISH DETERGENT

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Lemon Dish Detergent  
GENERAL/GENERIC NAME:  
PRODUCT USE: Manual Dish 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 Dodecylbenzene Sulphonate | 5 – 10 | 25155-30-0 | ND  | LD50 1260 mg/kg(oral/rat) |
| Sodium Laureth Sulphate          | 1 – 5  | 32612-48-9 | ND  | ND                        |

### 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 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

FLASH POINT: None  
FLAMMABLE LIMITS: ND  
AUTO-IGNITION TEMP: ND  
EXTINGUISHING MEDIA: As for surrounding fire.  
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.  
EXPLOSION DATA: ND  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and sulfur

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

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### 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: Not required  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Not required  
EYE PROTECTION: Safety glasses if risk of contact  
OTHER PROTECTIVE MEASURES: ND

### SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOUR: Clear yellow, pleasant fragrance  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.02  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
pH: 6.5-7.5  
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: ND  
EFFECTS OF ACCUTE EXPOSURE:  
SKIN CONTACT: May cause irritation to sensitive skin.  
EYE CONTACT: May cause irritation.  
INHALATION: Not expected.  
INGESTION: May cause irritation to digestive tract.  
EFFECT OF CHRONIC EXPOSURE: None  
IRRITANCY OF PRODUCT: Minimal  
CARCINOGENICITY: ND  
SENSITIZATION TO MATERIAL: ND  
REPRODUCTION TOXICITY: ND  
TERATOGENICITY: ND  
MUTAGENICITY: ND

### SECTION 12 – ECOLOGICAL CONSIDERATION

Material is biodegradable and essentially non-toxic.

### SECTION 13 – DISPOSAL CONSIDERATIONS

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

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### **SECTION 14 – TRANSPORT INFORMATION**

**TDG Classification:** Not Regulated

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

**WHMIS Classification:** D2B

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

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