

# SAFETY DATA SHEET

## LEMON DISH DETERGENT

### SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: LEMON DISH DETERGENT  
 PRODUCT USE: Dishwashing liquid.  
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.  
 9 City View Drive, Etobicoke, Ontario M9W 5A5  
 613-996-6666 ( CANUTEC )  
 24 HOUR EMERGENCY NO.

### SECTION 2 – HAZARDS IDENTIFICATION

#### CLASSIFICATION

- EYE DAMAGE IRRITATION Category 2A

#### LABEL ELEMENTS



- SIGNAL WORD: WARNING
- HAZARD STATEMENT(S): CAUSES EYE IRRITATION.
- PRECAUTIONARY STATEMENTS: Dispose of contents/ containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth.

### SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Sodium dodecylbenzensulfonate	10-20	25155-30-0
Steol CA 460	1-5	67762-19-0
Cocoamide DEA	0.5 -1	54351-85-8
Fragrance, Lemon	0.1-0.5	Proprietary

### SECTION 4 – FIRST AID MEASURES

**Inhalation:** Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.  
**Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.  
**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.  
**Ingestion:** Call a doctor for medical advice. Rinse mouth. Do not induce vomiting.

**Note to physician:** Treat symptomatically, no specific antidote. See toxicological information (section 11)

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### SECTION 5 – FIRE FIGHTING MEASURES

#### Extinguishing Media:

**Suitable Extinguishing Media:** Use water spray, fog or foam.

**Unsuitable Extinguishing Media:** None known

**Specific hazards arising from the product:** Not known.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon dioxide and carbon monoxide.

**Advice for fire-fighters:** Not available.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

**Environmental precautions:** Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

**Methods and materials for containment and cleaning up:** Use a water rinse for final clean-up.

### SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

**Storage Procedures:** Keep containers closed when not in use. Do not freeze. Store between the following temperatures: 5 to 40°C.

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV	STEL	OSHA PEL		AIHA WEEL	
	TWA		TWA	Ceiling	8 hour TWA	Short term TWA ©
Diethanolamine (CAS 111-42-2)	1 mg/m <sup>3</sup>	250 ppm	200 ppm			

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

**Appropriate Engineering Control:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual Protection Measure:

**Eye/Face Protection:** Do not get into eyes. Wear chemical safety goggles.

**Skin Protection:** No known effect after skin contact. Rinse with water.

**Respiratory protection:** Not required

**Inhalation:** No special measures required. Treat symptomatically.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid, clear, yellow colour.

# SAFETY DATA SHEET

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<b>Odour:</b>	Lemon scent.
<b>pH :</b>	7 ( 100 % )
<b>Melting Point:</b>	Not available
<b>Boiling point:</b>	> 100 °C
<b>Flash Point:</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flammability:</b>	Not available
<b>Explosive Limit:</b>	Not available
<b>Lower flammable/explosive limit:</b>	Not available
<b>Upper flammable/explosive limit:</b>	Not available
<b>Relative Density:</b>	Approx. = 1 ( Water = 1 )
<b>Viscosity:</b>	Not available
<b>Solubility in water:</b>	Soluble
<b>Auto ignition temperature</b>	Not available
<b>Partition coefficient - n-octanol/water:</b>	Not available

<i>Decomposition temperature:</i>	<b>Not available</b>	<b>SECTION 10 – STABILITY AND REACTIVITY</b>
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STABILITY:	Stable
INCOMPATIBILITY:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	No specific data.

<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>
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Chemical Name	LC50	LD50 Oral rat	LD50 ( dermal rabbit)
Diethanolamine (CAS 111-42-2)		>5g/kg	> 1g/kg

**Routes of exposure:** Skin contact, Eye contact, Ingestion.

**Eye contact:** Material may cause irritation.

**Skin contact.** Not known.

**Inhalation:** No specific data.

**Acute toxicity:**

**Eye contact:** Causes eye irritation.

**Skin contact:** Not known.

# SAFETY DATA SHEET

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**Inhalation:** Not known significant effects.

**Ingestion:** Not known significant effects.

**Germ cell mutagenicity:** Not available

**Carcinogenicity:** Diethanolamine is suspected of causing cancer.

**Reproductive toxicity:** No evidence of reproductive toxicity or developmental toxicity.

**STOT - single exposure** irritating to respiratory system.

**STOT - Not classified.**

**Aspiration hazard:** Not classified.

### SECTION 12 – ECOLOGICAL CONSIDERATION

**Eco toxicity :** This material may be harmful to aquatic life.

**Bio accumulative potential Inorganic:** The substance has no potential for bioaccumulation.

**Mobility in soil:** Not applicable.

**Other adverse effects:** Not known.

### 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

Refer to section 2.

### SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

March 09, 2016: **Revision 1**

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