

SAFETY DATA SHEET

LEMON SOLV

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: LEMON SOLV
 PRODUCT USE: All-purpose cleaner degreaser.
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- SKIN CORROSION /IRRITATION Category 1, EYE DAMAGE IRRITATION Category 1

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): CAUSES SKIN CORROSION AND EYE DAMAGE.
- PRECAUTIONARY STATEMENTS: Wash skin thoroughly after handling. Wear chemical safety glasses and nitrile gloves. Do not mix with acids. 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.

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
Sodium Silicate	1 - 5	1344-09-8
Alcohols, C9-11, ethoxylated	1 - 5	68439-46-3
Sodium Carbonate	1-5	497-19-8
D'Limonene	0.2-1	8028-48-6

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. 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. Continue rinsing. Get medical attention immediately.

Ingestion: Call a doctor immediately. 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 flammable.

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 store near acids. Store between the following temperatures: 15 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hour TWA	Short term TWA Ⓢ
Sodium Silicate	2 mg/m ³		Not available		Not available	
Alcohols, C9-11, ethoxylated	Not available		Not available		Not available	
D'Limonene	Not available		Not available		30 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: Personal protective equipment comprising: nitrile gloves, safety goggles and protective clothing.

Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, yellow colour.
Odour:	Lemon scent.
pH :	12 (100 %)
Melting Point:	Not available
Boiling point:	> 100 °C
Flash Point:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Lower flammable/explosive limit:	Not available
Upper flammable/explosive limit:	Not available
Relative Density:	Approx. = 1 (Water = 1)
Viscosity:	Not available
Solubility in water:	Soluble
Auto ignition temperature	Not available
Partition coefficient - n-octanol/water:	Not available
Decomposition temperature:	Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	Acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Avoid contact with strong acids.

SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 (dermal)
Sodium Silicate	2 mg mg/m ³	Not Available	Not Available
Alcohols, C9-11, ethoxylated	Not Available	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)
D' Limonene	Not Available	>5 000 mg/kg Rat	>5 000 mg/kg Rat

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

Eye contact: Causes serious eye damage.

Skin contact. Causes skin corrosion.

Ingestion: May cause burns to mouth, throat and stomach.

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Inhalation: May cause nose, throat, and lung irritation.

Acute toxicity:

Eye contact: Causes eye redness, damage.

Skin contact: Causes burns. May cause an allergic skin reaction.

Inhalation: Respiratory irritation.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic .

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

Ingestion: May cause burns to mouth, throat and stomach.

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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