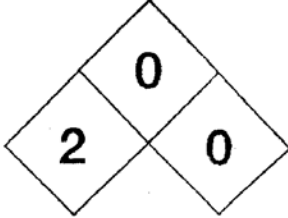


# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name <b>D'LIMOKLEEN Code No. L338</b>	
Manufacturer's Name <b>Leysons Chemical Products</b> a div. of 597401 ontario limited 1366 Sandhill Dr., Ancaster, Ontario L9G 4V5	Supplier's Name
Emergency Telephone Number: (905) 648-7832	

Fire (red)





Health (blue)      Reactivity (Yellow)

**HAZARD INDEX**

4. Severe Hazard  
3. Serious Hazard  
2. Moderate Hazard  
1. Slight Hazard  
0. Minimal Hazard

Class: D2B

Personal Protection

Chemical Name NA	Chemical Family Built synthetic detergent	Chemical Formula Proprietary blended mixture
Molecular Weight NA	Trade Name and Synonyms d'Limokleen	Material Use All purpose cleaner/degreaser

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Sodium Metasilicate	0.5 - 1.5%	6834-92-0	2 mg/kg	LD <sub>50</sub> 847 mg/kg rat, oral
P-Mentha-1, 8-Diene	1.0 - 5.0%	5989-27-5	NE	LD <sub>50</sub> 4400 mg/kg rat, oral
Alcohol Ethoxylate	1.0 - 5.0%	84133-50-6	NE	LD <sub>50</sub> 2380 mg/kg rat, oral LD <sub>50</sub> 2000 mg/kg rbt, skin

## SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State GAS <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID <input type="checkbox"/>	Odour and Appearance Citrus odour / orange colour	Odour Threshold (p.p.m.) NE	Specific Gravity 1.045
Vapour Pressure (mm) NE	Vapour Density (Air-1) NE	Evaporation Rate NE	Boiling Point (°C) NE
Solubility in Water (20°C) Complete	% Volatile (by volume) >80	pH 13.5	Freezing Point (°C) 0°C
			Coefficient of water/oil distribution NA

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, under which conditions:			
Means of Extinction Water, dry chemical, carbon dioxide			
Special Procedures None			
Flashpoint (°C) and Method NE	Upper explosion limit (% by volume) NE	Lower explosion limit (% by volume) NE	
Auto Ignition Temperature (°C) NE	Hazardous Combustion Products Oxides of carbon and nitrogen		
Explosion Data NA	Rate of Burning NA	Explosive Power NA	Sensitivity to Static Discharge NA

## SECTION V - REACTIVITY DATA

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, under which conditions:			
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, under which conditions:	Strong acids, oxidizing agents, reducing agents		
Reactivity and under what conditions	Direct contact		
Hazardous Decomposition Products Oxides of carbon and nitrogen			

# MATERIAL SAFETY DATA SHEET

Material Name / Identifier **d'LIMOKLEEN Code No. L338**

## SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry  SKIN CONTACT     SKIN ABSORPTION     EYE CONTACT     INHALATION ACUTE     INHALATION CHRONIC     INGESTION

Effects of Acute Exposure to Product

Skin contact - prolonged contact may cause irritation.  
 Eye contact - will irritate eyes and may cause burning sensation  
 Ingestion - may cause gastrointestinal discomfort

Effects of Chronic Exposure to Product

None known

LD<sub>50</sub> of Product (Specify Species and Route)

NE

Irritancy of Product

NE

Exposure limits of Product

NE

LD<sub>50</sub> of Product (Specify Species)

NE

Sensitization to Product

NE

Carcinogenicity  Reproductive Effects  Teratogenicity  Mutagenicity

None known to Leysons

## SECTION VII - PREVENTATIVE MEASURES

Personal Protective Equipment

Yes

Gloves (Specify)

Rubber, neoprene or plastic

Respiratory (Specify)

Not required

Eyes (Specify)

Approved safety glasses or goggles

Footwear (Specify)

NA

Clothing (Specify)

NA

Other (Specify)

None

Engineering Controls (e.g. ventilation, enclosed process, specify)

Leak and Spill Procedure

Soak up using absorbent material. Caution, floors may become slippery

Waste Disposal

Dispose according to federal, provincial and local regulations

Handling Procedures and Equipment

No special precautions

Storage Requirements

No special requirements. Keep out of the reach of children.

Special Shipping Information

Not TDG regulated

## SECTION VIII - FIRST AID MEASURES

Skin

Wash affected area with plenty of water and soap. Contact physician if irritation persists.

Eye

Immediately flush eyes with tepid water or at least 15 minutes. Contact physician immediately.

Inhalation

Should not pose a serious health threat. If condition does occur, contact physician immediately.

Ingestion

Give conscious victim plenty of water or milk. Do not induce vomiting. Do not give an unconscious person anything by mouth. Contact physician immediately.

General Advice

Give victim comfort, warmth and rest.

## SECTION IX - PREPARATION DATA OF M.S.D.S.

Additional Information

Sources Used Supplier's MSDS

Prepared by: E. H. & S. Dept.

Phone number (905) 648-7832

Date April 15, 2003