

Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



Not controlled under WHMIS (Canada).

Not controlled under the HCS (United States).

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	LEMON LEGACY	Code	226
Synonym	Highly Concentrated Odor Counteractant	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	2/8/2001
Chemical Formula	Not applicable.	Print Date	2/12/2001
Manufactured for	IFC Supply PO Box 266 Elkhart, IN 46515 (219) 296-7791	In Case of Emergency	(219) 296-7791
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL	DSL : All components listed unless noted elsewhere on this MSDS		
		Protective Clothing	

Protective Clothing



Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
1) Water	7732-18-5	>80	Not available.	Not available.
2) Nonionic Surfactant	9016-45-9	<6	Not available.	Not available.
3) Sodium Xylene Sulfonate	1300-72-7	<4	Not available.	Not available.
4) Isopropyl Alcohol	67-63-0	<3	TWA: 400 (ppm) TWA: 400 (ppm) from OSHA (PEL) [United States] STEL: 500 (ppm)	Not available.
5) Perfume Oil	N/A	<3	Not available.	Not available.
6) Propylene Glycol	57-55-6	<1	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat].
7) Cationic Surfactant	5197-80-8	<1	Not available.	Not available.
8) Malodor Counteractant	N/A	<1	Not available.	Not available.
9) Dye	N/A	<1	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects Mildly irritating to the eyes. Vomiting and Diarrhea possible

Potential Chronic Health Effects Repeated skin exposure can produce local skin destruction, or dermatitis.

Carcinogenic Effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Flush eyes with large quantities of water. Seek medical attention if irritation persists.
Skin Contact	Flush with water. Seek medical attention if irritation persists.
Inhalation	N/A
Ingestion	Dilute with two glasses of water. Seek medical attention.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

Section 6. Accidental Release Measures

Small Spill and Leak	Safety glasses recommended.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 7. Handling and Storage

Precautions	No specific safety phrase has been found applicable for this product.
Incompatibility	None known.
Storage	Keep out of reach of children. For Institutional and Commercial Use

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

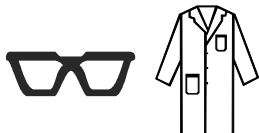
Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory No special protective clothing is required.

Hands Gloves.

Protective Clothing (Pictograms)



Exposure Limits

Isopropyl Alcohol
TWA: 400 (ppm)
TWA: 400 (ppm) from OSHA (PEL)
STEL: 500 (ppm)

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Thin Liquid)	Odor	Lemon like. (Strong.)
Molecular Weight	Not applicable.	Taste	Not available.
pH	7 to 8 [Basic.]	Color	Yellow.
Boiling/Condensation Point	212°F initial		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1 (Water = 1)		
Vapor Pressure	20mm Hg @ 68°F		
Vapor Density	>1 (Air = 1)		
Volatility	90		
VOC	Not available.		
Evaporation Rate	<1		
Odor Threshold	Not available.		
LogK_{ow}	Not available.		
Ionicity (in Water)	Not available.		
Dispersion Properties	See solubility in water.		
Solubility	Easily soluble in cold water.		
The Product is:	May be combustible at high temperature.		
Auto-ignition Temperature	Not available.		
Flash Points	Not available.		
Flammable Limits	Not available.		
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.		
Explosion Hazards in Presence of Various Substances	Not applicable		

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	None known.
Hazardous Decomposition Products	Will not occur.

Section 11. Toxicological Information

Routes of Entry	Eye contact.
Toxicity to Animals	Acute oral toxicity (LD50): 5000 mg/kg [Rat]. (Propylene Glycol).
Acute Effects on Humans	<i>Eyes</i> Eye irritant. May cause redness and swelling of the conjunctiva. <i>Skin</i> Defatting to skin on repeated contact. <i>Inhalation</i> N/A <i>Ingestion</i> May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses.
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

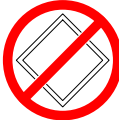

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.


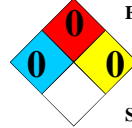
Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada). 
PIN UN, Proper Shipping Name, PG	Not applicable.
Maritime Transportation	Not available.
Special Provisions for Transport	Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	Not controlled under WHMIS (Canada).		
Regulatory Lists	No products were found.		
Other Regulations	Not available. or of its ingredients		
Other Classifications	HCS (U.S.A.)	Not controlled under the HCS (United States).	
	USA Regulatory Lists	No products were found.	
		SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isopropyl Alcohol: fire	
	DSD (EEC)		
	International Regulations Lists	No products were found.	
Hazardous Material Information System (U.S.A.)	Health	1	National Fire Protection Association (U.S.A.)
	Flammability	0	
Reactivity	0		
Personal Protection	A		
			 Health 0 Flammability 0 0 Reactivity Specific Hazard

Section 16. Other Information

Validated by CRushton on 2/8/2001. Verified by CRushton.
Printed 2/12/2001.

Information Contact IFC Supply
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 Elkhart, IN 46515

Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 2/8/2001.

LEMON LEGACY