

MSDS

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29CFR 1910.1200)

HMS CODES: H-1 F-1 R-0

Section 1 - Product Identification and Company Identification

PRODUCT NAME INDUSTRIAL WIPES	PRODUCT TYPE: Hand Soap DOT CLASS: Non-Regulated
MANUFACTURED FOR: IBS, INC. PO BOX 1717 AUBURN, WA 98071-1717 Product Number 74218	INFORMATION PHONE: (800) 678-1906 24-HOUR EMERGENCY: CHEM-TEL (800) 255-3924 DATE PREPARED: May 1, 2006 REVISED: March 30, 2007

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Names)	Exposure Limits	CAS Numbers	Approx Percentage Wt
D-LIMONENE	NE	5989-27-5	< 7

Section III - Physical/Chemical Characteristics

Boiling Point	200° to 230° C	Specific Gravity (H2O = 1)	1.01
Vapor Pressure (mm Hg.)	0.1 @ 20° C	Melting Point	N/A
Vapor Density (Air - 1)	N/A	pH	6.5 - 7.5
VOC by Weight	< 4%		
Solubility in Water	Complete	Appearance and Odor	Orange odor, milky liquid

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Use)	112°C (235°F) PMCC	Auto-Ignition Temperature:	370°C
Extinguishing Media	Water spray, chemical foam dry chemical, CO2		
Special Fire Fighting Procedures	Flood with water, wear self-contained breathing apparatus. Wear full protective equipment (eyes, body, and respiratory.)		
Unusual Fire and Explosion Hazards	Hazardous gasses produced in fire are carbon monoxide.		

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Keep away from flames/sparks
	Stable	X	
Incompatibility (Materials to Avoid)	Incompatible with strong oxidants, acids, alkalis		
Hazardous Decomposition or Byproducts	Decomposes with heat.		
Hazardous	May Occur	Conditions to Avoid	
Polymerization	Will Not Occur	X	

Section VI - Health Hazard Data

Routes of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards			
Effects of Overexposure:			
EYES: Slight eye irritant in animal tests.	SKIN: It has been found to be a moderate skin irritant in rabbits		
INHALATION: Produced mild nasal lesion in rats. Anticipated human health effects of exposure include eye and skin irritation.			
PRECAUTIONS: Avoid breathing vapors or mist. Avoid contact with eyes.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No

Emergency and First Aid Procedures:

INHALATION - Remove to fresh air. If no breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.
EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
SKIN CONTACT: Wash with water, if it causes irritation.
INGESTION: If swallowed, give large quantities of water. DO NOT induce vomiting. Call a physician.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is released or spilled: Use appropriate personal protective equipment during cleanup. Prevent liquid from entering sewers, waterways or low areas. Recover free liquid for reuse or reclamation. Soak up with sawdust, sand, oil, dry, or other absorbent material.
Waste Disposal Method: Recover non-useable Hand soap and dispose of in an approved permitted biological treatment system or an approved and permitted deep well, in accordance with local, state, and federal regulations.
Precautions to be taken in handling and storage: Keep product from freezing. Use only with adequate ventilation. Do not mix with strong oxidants, acids or alkalis. Store in well ventilated area. Keep container tightly closed.
Other Precautions: Keep out of reach of children. Recommend reading entire label and material safety data sheet before using.

Section VIII - Control Measures

Respiratory Protection (Specify Type): None needed		
Ventilation	Local Exhaust X	Special
	Mechanical (General) X	
Protective Gloves None	Eye Protection	Cover-all chemical splash goggles. Use when splash is likely.
Other Protective Clothing or Equipment N/A	Work/Hygienic Practices	Remove contaminated clothing and launder.

Section IX - Other information

The data in this Material Safety Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as a warranty or representation for which IBS, Inc. assumes legal responsibility. This information is provided solely for your consideration, investigation and verification.