

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Domoscour LFE-810 EA

IDENTIFICATION NUMBER: 10499

PRODUCT USE/CLASS : Scour

**SUPPLIER:**

M.Dohmen USA, Inc.  
25 ELLWOOD COURT  
GREENVILLE, SC 29607

Chemtrec  
800-424-9300

24 Hour Emergency Hotline

Chemtrec International  
703-527-3887

24 Hour Emergency Int'l Hotline

Health, Safety, & EA, PHONE: 864-676-1669, PREPARE DATE: 06/06/06

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER
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01	Surfactant	Proprietary
02	Surfactant	Proprietary
03	Surfactant	Proprietary
04	Defoamer Base	Proprietary
05	Surfactant	Proprietary
06	Surfactant	Proprietary
07	Surfactant	Proprietary
08	Propylene Glycol Ether	Proprietary

ITEM	EXPOSURE LIMITS				COMPANY TLV-TWA	SKIN
	ACGIH TLV-TWA	TLV-STEL	OSHA PEL-TWA	PEL-STEL		
01	N.D.	N.D.	N.D.	N.D.	N.D.	NO
02	N.D.	N.D.	N.D.	N.D.	N.D.	NO
03	N.D.	N.D.	N.D.	N.D.	N.D.	NO
04	N.D.	N.D.	N.D.	N.D.	N.D.	NO
05	N.D.	N.D.	N.D.	N.D.	N.D.	NO
06	N.D.	N.D.	N.D.	N.D.	N.D.	NO
07	N.D.	N.D.	N.D.	N.D.	N.D.	NO
08	N.D.	N.D.	600 mg/m3	N.D.	N.D.	YES

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS
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----- EXPOSURE LIMITS -----						
		ACGIH			OSHA	COMPANY
ITEM	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION
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APPEARANCE/COLOR: Clear  
ODOR : Mild  
PHYSICAL STATE : Liquid

\*\*\* EMERGENCY OVERVIEW \*\*\*: Causes eye irritation. Causes skin irritation. Vapors are severely irritating to eyes and respiratory tract. May cause allergic skin reactions in some individuals. Causes respiratory irritation.

EFFECTS OF EXPOSURE - EYE CONTACT: Severely irritating. If not removed immediately, will injure eye tissue, resulting in permanent damage.

EFFECTS OF EXPOSURE - SKIN CONTACT: Irritating to the skin.

EFFECTS OF EXPOSURE - INHALATION: Irritating to the respiratory tract.

EFFECTS OF EXPOSURE - INGESTION: Not Determined.

EFFECTS OF EXPOSURE - CHRONIC HAZARDS: Not Determined.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION EYE CONTACT

SECTION 4 - FIRST AID MEASURES
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FIRST AID - EYE CONTACT: Immediately flush eyes with a large amount of running water for at least 15 minutes. Holding eyelids apart, irrigate thoroughly the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician. Get immediate medical attention.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Wash with plenty of soap and water including hair and under fingernails. Do not apply any medicating agents except on the advice from a physician. Get immediate medical attention.

FIRST AID - INHALATION: Move victim from contaminated area to fresh air.

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SECTION 4 - FIRST AID MEASURES

If not breathing, apply artificial respiration, preferably by mechanical means. Avoid mouth to mouth resuscitation. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: DO NOT INDUCE VOMITING OR ADMINISTER EMETICS. If victim is fully conscious, give a large quantity of water. Contact a physician, hospital or poison center immediately. Do not give anything by mouth to an unconscious person. To ensure airway is open, position with head lower than body and transport immediately to a medical facility.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.D.

LOWER EXPLOSIVE LIMIT: N.D.

UPPER EXPLOSIVE LIMIT: N.D.

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective clothing and positive pressure, self-contained breathing apparatus (SCBA). Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated building, area, and equipment until decontaminated.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants and a NIOSH-approved chemical cartridge respirator with either P-100 or P-95 pre-filters or use a positive pressure self-contained breathing apparatus (SCBA). Cover and contain spill with an absorbent material such as pet litter, sand or vermiculite. Sweep up and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with inert material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove residue. Do not allow wash water to contaminate water supplies by entering floor drains. Sweep powders carefully minimizing dusting. Place all spill and contaminated materials into chemical containers and follow disposal instructions.

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SECTION 7 - HANDLING AND STORAGE

HANDLING: Do not take internally. Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.

STORAGE: Keep from freezing. Keep container closed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation recommended.

RESPIRATORY PROTECTION: Where there is potential for airborne exposures, wear NIOSH approved respiratory protection.

SKIN PROTECTION: Wear rubber gloves that are chemical resistant to the material.

EYE PROTECTION: Wear safety glasses with side shields or safety goggles.

OTHER PROTECTIVE EQUIPMENT: A deluge safety shower and eye wash station must be located near the work area.

HYGIENIC PRACTICES: Avoid contact with eyes, skin and clothing. Avoid inhalation of contaminant. Wash thoroughly after handling. Do not eat, drink, use tobacco products, chew gum or apply cosmetics in areas where there is a potential for exposure to this material.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.D.	VAPOR DENSITY	: Is heavier than air
ODOR THRESHOLD	: N.D.	IONIC NATURE	: Nonionic
VISCOSITY	: N.D.	EVAPORATION RATE:	Is slower than Butyl Acetate
FREEZE POINT	: ~32 F	SPECIFIC GRAVITY:	0.956
VAPOR PRESSURE	: N.D.	pH @ 1.0 %	: 5.0
SOLIDS BY WEIGHT	: 70.0%		
SOLUBILITY IN H2O	: Soluble		
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.			

(See Section 16 for abbreviation legend)

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SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Not known.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may include, but is not limited to Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product animal LD50 or LC50 information is available.

SKINTEX DATA: No Information.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

BOD28:	1079300 MG/KG	
COD:	2347800 MG/KG	
% 28 Day Biodegradability: (Test Method OECD 3010-D)	$\frac{1079300}{2347800} \times 100 = 46\%$	Biodegradability
ASRIT EC50: (Activated Sludge Respiration Inhibition Test Method OECD 209)	646 MG/L	
Ceriodaphnia 48-h EC50: (Test Method OECD 202)	3.2 MG/L	

All ecological test results are based on the active ingredients in the product.

ECOLOGICAL INFORMATION: No Information.

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SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by DOT

DOT TECHNICAL NAME: N.A.

DOT HAZARD CLASS: N.A.

HAZARD SUBCLASS: N.A.

DOT UN/NA NUMBER: N.A.

PACKING GROUP: N.A.

RESP. GUIDE PAGE: N.A.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA SECTION 311/312:  
IMMEDIATE HEALTH HAZARD

SARA SECTION 313: Not Applicable

TOXIC SUBSTANCES CONTROL ACT:  
All components of this product are listed on the TSCA Inventory.

NEW JERSEY RIGHT-TO-KNOW: Not Applicable

PENNSYLVANIA RIGHT-TO-KNOW:  
The following regulated components are present at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Propylene Glycol Ether	Proprietary

CALIFORNIA PROPOSITION 65: Not Applicable

HAZARDOUS AIR POLLUTANTS (HAP): Not Applicable

NC TOXIC AIR POLLUTANT (TAP): Not Applicable

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SECTION 15 - REGULATORY INFORMATION

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS): Not Applicable

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: COMPONENTS DSL LISTED

German Consumer Protection Act - Approved.

Oeko-Tex Standard 100 - Approved.

OTHER REGULATORY: No Information.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2      FLAMMABILITY: 1      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 05/04/01

REASON FOR REVISION: Reviewed

VOLATILE ORGANIC COMPOUNDS (VOCs): 21.00 %

LEGEND: N.A. - Not Applicable, N.D. - Not Determined

OTHER INFORMATION: No Information.

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<END OF MSDS>