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SIGMA-ALDRICH CHEMICAL COMPANY -- 109908, DI(ETHYLENE GLYCOL) METHYL ETHER, 99% --

6810-01-445-8304

============= Product Identification =================

Product ID:109908, DI(ETHYLENE GLYCOL) METHYL ETHER, 99%

MSDS Date:10/16/1999

FSC:6810

NIIN:01-445-8304 Status Code:A

MSDS Number: CKTHY === Responsible Party ===

Company Name: SIGMA-ALDRICH CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508 City:ST LOUIS State:MO

Z

IP:63103 Country:US

Info Phone Num:314-771-5765

Emergency Phone Num:414-273-3850 EXT 5996 Resp. Party Other MSDS Num.:VERSION 1.0

CAGE:21076

=== Contractor Identification ===

Company Name: SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV

Address:3050 SPRUCE ST

Box:City:ST LOUIS

State:MO

ZIP:63103-2530 Country:US

Phone:314-771-5765

Contract Num:SP0450-00-M-SJ74

CAGE:0DK69

Company Name: SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508 City:ST LOUIS State:MO ZIP:63178 Country:US

Phone:314-771-5765

CAGE

:21076
======= Composition/Information on Ingredients ========
Ingred Name:DI(ETHYLENE GLYCOL) METHYL ETHER (DOWANOL DM) CAS:111-77-3 RTECS #:KL6125000 = Wt:99.
========== Hazards Identification ============
LD50 LC50 Mixture:ORAL-RAT LD50: 4 ML/KG. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Health Hazards Acute and Chronic:SKIN CONTACT: MAY CAUSE SKIN IRRITATION. EYE CONTACT: CAUSES EYE IRRITATION. INHALATION: MATERIAL MAY BE IRRITATI NG TO MYCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. TARGET ORGANS: LIVER, KIDNEYS, TEST ES. Explanation of Carcinogenicity:NOT PROVIDED BY RESPONSIBLE PARTY. Effects of Overexposure:SKIN CONTACT: MAY CAUSE SKIN IRRITATION. EYE CONTACT: CAUSES EYE IRRITATION. INHALATION: MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. Medical Cond Aggravated by Exposure:NOT PROVIDED BY RESPONSIBLE PARTY.
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First Aid:IMMEDIATE TREATMENT-WORK SITE: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. ORAL EXPOSURE: I F SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. INHALATION EXPOSURE: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
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Flash Point:=87.C, 188.6F Autoignition Temp:=221.C, 429.8F Lower Limits:1.38 Upper Limits:NA Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, OR APPROPRIATE FOAM.
FOAM. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Unusual Fire/Explosion Hazard:NOT PROVIDED BY RESPONSIBLE PARTY.

Spill Release Procedure

activity Data =========
Stability Indicator/Materials to Avoid:YES OXIDIZING AGENTS. Stability Condition to Avoid:NOT PROVIDED BY RESPONSIBLE PARTY. Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE. Conditions to Avoid Polymerization:WILL NOT OCCUR.
======== Toxicological Information =========
Toxicological Information:ORAL-RAT 4 ML/KG (LD50), REMARKS: AUTONOMIC NERVOUS SYSTEM-OTHER DIRECT PARASYMPATHMIMETIC. BEHAVIORAL-SOMNOLESCENCE (GEN ERAL DEPRESSED ACTIVITY); LUNGS, THORAX OR RESPIRATORY CYANOSIS. ORAL-MOUSE 8, 222 MG/KG (LD50); REMARKS: AUTONOMIC NERVOUS SYSTEM-OTHER DIRECT PARASYMPATHMIMETIC BEHAVIORAL-SOMNOLESCENCE (GENERAL DEPRESSED ACTIVITY); LUNGS, THORAX OR RESPIRATORY CYANOSIS. IRRITATION DATA: EYES -RABBIT: 500 MG, REMARKS: MODERATE IRRITATION EFFECT. CHRONIC EXPOSURE-TERATOGEN: RAT, 6600 MG/KG, ORAL, 7-17 D PREG, RESULTS: METERNAL-PARTURITION. EFFECTS ON FERTILITY-POST IMPLANTATION
MORTAILITY.
========= Ecological Information ===========
Ecological:NOT PROVIDED BY RESPONSIBLE PARTY.
======= Disposal Considerations ==========
Waste Disposal Methods:THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.
======== MSDS Transport Information ==========
Transport Information:DO T PROPER SHIPPING NAME: NONE. NON-HAZARDOUS FOR TRANSPORT: THIS SUBSTANCE IS CONSIDERED TO BE NON-HAZARDOUS FOR TRANSPORT.
========= Regulatory Information ===========
SARA Title III Information:SARA 313 LISTED: NO. Federal Regulatory Information:TSCA INVENTORY ITEM: YES. State Regulatory Information:NOT PROVIDED BY RESPONSIBLE PARTY.
========== Other Information ============
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g agencies):

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