

E / M CO. -- PERM-SLIK 1460W (PPS1460W) -- 9150-01-398-4669

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Product Identification
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Product ID:PERM-SLIK 1460W (PPS1460W)

MSDS Date:04/21/1998

FSC:9150

NIIN:01-398-4669

Status Code:A

MSDS Number: CLHVV

=== Responsible Party ===

Company Name:E / M CO.

Address:100 COOPER CIRCLE

Box:3969

City:PEACHTREE CITY

State:GA

ZIP:30269

Country:US

Info Phone Num:770-261-4835 / 770-261-4821

Emergency

Phone Num:800-424-9300

Preparer's Name:CHEMICAL COMMUNICATION

Chemtec Ind/Phone:(800)424-9300

CAGE:8F024

=== Contractor Identification ===

Company Name:E / M CO. DIV OF MORGAN CHEMICAL PRODUCTS INC

Address:100 COOPER CIR

Box:3969

City:PEACHTREE CITY

State:GA

ZIP:30269

Country:US

Phone:770-261-4835 / FAX: 770-631-0833

CAGE:8F024

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-01-M-LM70

CAGE:0

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Composition/Information on Ingredients
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Ingred Name:HEXADECANOL
CAS:36653-82-4
RTECS #:MM0225000
Minumum % Wt:5.
Maxumum % Wt:15.

Ingred Name:MORPHOLINE
CAS:110-91-8
RTECS #:QD6475000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:70 MG/M3;20 PPM
OSHA STEL:105 MG/M3
ACGIH TLV:71 MG/M3;20 PPM

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Minumum % Wt:80.
Maxumum % Wt:90.

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Hazards Identification
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Routes of Entry: Inh
alation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: CAN CAUSE IRRITATION, REDNESS,
BLURRED VISION. SKIN: PROLONGED CONTACT CAN CAUSE IRRITATION,
DERMATITIS. INHALATION: CAN CAUSE IRRITATION, DIZZINESS, NAUSEA,
FATIGUE, HEADACHE AND UNCONSCIOUSNES S OR ASPHYXIATION. INGESTION:
CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND
DIARRHEA.
Effects of Overexposure:EYES: IRRITATION, REDNESS, BLUR
RED VISION.
SKIN: IRRITATION, DERMATITIS. INHALATION: IRRITATION, DIZZINESS,
NAUSEA, FATIGUE, HEADACHE, AND UNCONSCIOUSNESS OR ASPHYXIATION.
INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND
DIARRHEA.

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First Aid Measures
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First Aid:SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH COPIOUS
AMOUNTS OF WATER, GET MEDICAL ATTENTION. INHALATION: REMOVE TO
FRESH AIR. IF BREATHING IS IMPAIRED, GET MEDICAL ATTENTION.

INGESTION: DO NOT IN DUCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:WATER BASED
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:NOT APPLICABLE.
Fire Fighting Procedures:NOT APPLICABLE.
Unusual Fire/Explosion Hazard:NONE.

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Accidental Release Measures
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Spill Release Procedures:CLEAN SPILL WITH ABSORBENT MATERIAL. FLUSH WITH LARGE QUANTITIES OF WATER INTO INDUSTRIAL SEWER. CONSULT LOCAL, STATE AND FEDERAL AUTHORITIES.

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Handling and Storage
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Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM ACIDS, ALKALIS AND OPEN FLAMES.
Other Precautions:NONE.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV LIMITS ARE EXCEEDED.
Ventilation:LOCAL EXHAUST: USE TO MAINTAIN LEVELS BELOW TWA LIMITS.
MECHANICAL: USE NON-SPARKING EQUIPMENT.
Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.
Eye Protection:WEAR SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:NONE.
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1
Boiling Pt:=100.C, 212.F
B.P. Text:212F - 220F
Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE
Vapor Pres:NOT AVAILABLE
Spec Gravity:DENSITY+ 8.2 LB/GAL
VOC Pounds/Gallon:109
Ev

aporation Rate & Reference:NOT AVAILABLE

Solubility in Water:COMPLETE

Appearance and Odor:MILKY

===== Toxicological Information =====

Toxicological Information:HEXADECANOL (CAS # 36653-82-4) IS A MILD SKIN AND EYE IRRITANT. THE ORAL LD50, (ALBINO RATS) IS GREATER THAN 8.0 G/KG. RATS EXPOSED TO 3.2 MG/L FOR 8 HOURS / DAY FOR 10 DAYS SHOWED ONLY HYPERACTIVITY. CARCINOGENICITY: NTP-NO; IARC-NO; OSHA-NO. THE VAPOR FROM MORPHOLINE (CAS # 110-91-8) CAN CAUSE AN SEVERE SKIN AND EYE IRRITATION AND IN SOME CASES BURNS. CHRONIC EXPOSURE: THIS MORPHOLINE HAS BEEN FOUND TO CAUSE LIVER ABNORMALITIES, KIDNEY DAMAGE AND EYE DAMAGE IN LABORATORY ANIMALS WITH CHRONIC OVER EXPOSURE. CARCINOGENICITY: NTP - NO; IARC- NO; OSHA - NO.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WATER IN A CHEMICAL LANDFILL AS APPROVED BY CURRENT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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===== Other Information =====

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