

MOBIL CHEMICAL COMPANY -- MOBIL POLYETHYLENE (LOPE) -- 9330-00-239-6338

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

Product ID:MOBIL POLYETHYLENE (LOPE)

MSDS Date:05/27/1997

FSC:9330

NIIN:00-239-6338

Status Code:A

MSDS Number: CJLSC

=== Responsible Party ===

Company Name:MOBIL CHEMICAL COMPANY

Address:15600 JFK BLVD.,SUITE 800

City:HOUSTON

State:TX

ZIP:77032

Country:US

Info Phone Num:800-622-6562/609-737-4

411

Emergency Phone Num:EMER: 609-737-4411 202-483-7616

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO265

=== Contractor Identification ===

Company Name:MOBIL CHEMICAL COMPANY

Address:15600 JFK BLVD.,SUITE 800

Box:City:HOUSTON

State:TX

ZIP:77032

Country:US

Phone:800-622-6562/609-737-4411

CAGE:TO265

Company Name:NEWMAN M. M. CORP

Address:24 TIOGA WAY

Box:615

City:MARBLEHEAD

State:MA

ZIP:01945-1575

Country:US

Phone:617-631-8887

Contract Num:SP0441-97-M-QE16

CAGE:09106

===== Composition/Informa

tion on Ingredients =====

Ingred Name:POLYETHYLENE

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL(RATS) LD50: >2000 MG/KG.

Health Hazards Acute and Chronic:THIS PRODUCT DOES NOT CONTAIN INGREDIENTS WHICH HAVE EXPOSURE LIMITS ESTABLISHED BY REGULATORY AGENCIES. IT IS NOT HAZARDOUS TO HEALTH AS DEFINED BY THE EUROPEAN UNION DANGEROUS SUBTANCES/PREPARATIO NS DIRECTIVES. EYES: DUST MAY CAUSE ABRASIVE INJURY N/PAND IRRITATION

. SKIN: HOT MATERIAL MAY CAUSE BURNS. INHALATION: DUST CAN CAUSE IRRITATION OF NOSE AND THROAT.

Explanation of Carcinogenicity:ORAL TOXICITY (RATS): PRACTICALLY NON-TOXIC BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS

Effects of Overexposure:EYES: IRRITATION, ABRASIVE INJURY FROM DUST. SKIN: BURNS FROM HOT MATERIAL. INHALATION: NOSE AND THROAT IRRITATION FROM DUST.

===== First Aid Measures =====

First Aid:EYE CONTACT: FLUSH THROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER. IF BURNED BY HOT MATERIAL, COOL MOLTEN MATERIAL ADHERING TO SKIN WITH WATER, GET MEDICAL ATTENTION.EYE CONTACT: FLUSH THROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN CONTACT: WASH WITH SOAP AND WATER. IF BURNED, COOL MOLTEN MATERIAL ADHERING TO SKIN WITH WATER, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION. INGESTION: NOT EXPECTED TO BE A PROBLEM WHEN INGESTED. IF UNCOMFO RTABLE, GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:>260.C, 500.F

Lower Limits:NE

Upper Limits:NE

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

Fire Fighting Procedures:USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY F

FROM EXPOSURE.

PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY. FOR FIRES IN ENCLOSED AREAS, FIRE FIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: AIR CONVEYING (MOVEMENT) OF THIS PRODUCT MAY CAUSE EXCESSIVE DUSTING WHICH COULD FORM EXPLOSIVE DUST-AIR MIXTURES. EXPOSURE TO FIRE CAN GENERATE TOXIC FUMES.

===== Accidental Release Measures =====

Spill Release Pro

cedures: SHOVEL UP WITH SPARK-RESISTANT SHOVEL AND REMOVE TO APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS. PREVENT SPILLS FROM ENTERING STORM SEWERS OR DRAINS AND CONTACT WITH SOIL. FOR ROAD SPILLS, NOTIFY CHEMTREC 800-424-9300. REPORT SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS TO COAST GUARD, 800-424-8802.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions: A STATIC CHARGE CAN BUILD UP WHEN HANDLING THIS PRODUCT AND COULD POSE A DUST EXPLOSION HAZARD. ALL EQUIPMENT SHOULD BE GROUNDED AND BONDED TO PREVENT DUST EXPLOSIONS. THERMODEGRADATION PRODUCTS OF POLYETHYLENE MAY INCLUDE ACETALDEHYDE, FORMIC ACID, ACETIC ACID, AND CARBON MONOXIDE.

Other Precautions: THERMOPROCESSING OF POLYETHYLENE MUST BE PERFORMED IN AN AREA WHERE THERE IS ADEQUATE VENTILATION. STORE IN A COOL AREA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: APPROVED DUST RESPIRATORS MUST BE USED FOR DUSTY CONDITIONS OR IF DUST LEVELS EXCEED ESTABLISHED STANDARDS. USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT IN THERMOPROCESSING OPERATIONS IF VENTILATION IS INADEQUATE. NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Ventilation: VENTILATION DESIRABLE AND EQUIPMENT SHOULD BE EXPLOSION PROOF.

USE WITH ADEQUATE VENTILATION IN THERMOPROCESSING OPERATIONS.

Protective Gloves:GLOVES AS REQUIRED TO HANDLE HOT MATERIALS.

Eye Protection:GOGGLES AND/OR FACE SHIELD AS NEEDED.

Supplemental Safety and Health

THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS WHICH HAVE RECOGNIZED EXPOSURE LIMITS. HOWEVER, A THRESHOLD LIMIT VALUE OF 5.00 MG/M3 IS SUGGESTED FOR NUISANCE DUSTS.

===== Physical/Chemical Properties =====

HCC:V5

Melt/Freeze Pt:=110.C, 230.F

Spec Gr

avity:0.918-0.923

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PELLETS. TRANSLUCENT. MILD ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE. ALDEHYDES. ACETIC ACID.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:O

RAL TOXICITY (RATS): LD50 >2000MG/KG. BASED

ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. DERMAL

TOXICITY (RABBITS): LD50 >2000 MG/KG. BASED ON TESTING OF

SIMILARPRODUCTS AND/OR THE COMPONE NTS. INHALATION TOXICITY (RATS):

LC50>5MG/L. BASED ON TESTIN OF SIMILAR PRODUCTS AND/OR THE

COMPONENTS. EYE IRRITATION (RABBITS): DRAIZE SCORE: 0 OR GREATER

BUT 5 OR LESS. ASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE

COMPONENTS. SKIN IRRITATION (RABBITS) PRIMARY IRRIT

ATION INDEX: 0.5

OR LESS. BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE

COMPONENTS.

===== Ecological Information =====

Ecological:ENVIRONMENTAL FATE AND EFFECTS: NOT ESTABLISHED.

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

Waste Disposal Methods:PRODUCT MAY BE RECYCLED BY AN APPROVED RECYCLING FACILITY OR DISPOSE OF AT ANY GOVERNMENT APPROVED WASTE DISPOSAL FACILITY. BOTH METHODS ARE SUBJECT TO USERCOMPLIANCE WITH

APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL. USED PRODUCT MAY BE REGULATED UNDER RCRA.

===== MSDS Transport Information =====

Transport Information:USA DOT: NOT REGULATED BY USA DOT. IMO: NOT REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES".

THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA (313) TOXIC RELEASE PROGRAM.

Federal Regulatory Information:GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS COMPLY WITH TSCA, AICS, AND OSL.

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