

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

\*\*\*\*\* I. PRODUCT IDENTIFICATION \*\*\*\*\*  
 LOW DENSITY POLYETHYLENE

SUPPLIER: MOBIL CHEMICAL COMPANY  
 CHEMICAL NAMES AND SYNONYMS: POLYETHYLENE, LOW DENSITY  
 USE OR DESCRIPTION: RESIN

HEALTH EMERGENCY TELEPHONE: (212) 883-4411  
 TRANSPORT EMERGENCY TELEPHONE: (800) 424-9300 (CHEMTREC)

\*\*\*\*\* II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES \*\*\*\*\*

APPEARANCE: WHITE PELLETS  
 VISCOSITY AT 100 F, SUS: NA  
 VISCOSITY AT 210 F, SUS: NA  
 FLASH POINT F(C): NA  
 MELTING POINT F(C): 221(105)  
 BOILING POINT F(C): NA  
 RELATIVE DENSITY, 15/4 C: 0.915-0.935  
 VAPOR PRESSURE-MM HG 20C: NA

ODOR: SLIGHT  
 AT 40 C, CS: NA  
 AT 100 C, CS: NA

PH: NA  
 POUR POINT F(C): NA

SOLUBILITY IN WATER: NEGLIGIBLE

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES  
 FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

\*\*\*\*\* III. INGREDIENTS \*\*\*\*\*

	WT PCT (APPROX)	EXPOSURE LIMITS MG/M3	SOURCES PPM (AND NOTES)
HAZARDOUS INGREDIENTS:			
NONE			
OTHER INGREDIENTS:			
POLYETHYLENE	100		

KEY TO SOURCES: A=ACGIH-TLV, A\*=SUGGESTED-TLV, M=MOBIL, O=OSHA  
 NOTE: LIMITS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

\*\*\*\*\* IV. HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: 10.00 MG/M3 SUGGESTED FOR NUISANCE DUSTS  
 EFFECTS OF OVEREXPOSURE: NOT EXPECTED TO BE A PROBLEM.

\*\*\*\*\* V. EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

EYE CONTACT: FLUSH WITH WATER.  
 SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER.  
 INHALATION: NOT EXPECTED TO BE A PROBLEM.  
 INGESTION: NOT EXPECTED TO BE A PROBLEM WHEN INGESTED. IF UNCOMFORTABLE SEEK MEDICAL ASSISTANCE.

\*\*\*\*\* VI. FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT F(C): NA  
 FLAMMABLE LIMITS, LEL: NA UEL: NA  
 EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.  
 SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: HIGH DUST LEVELS MAY CREATE POTENTIAL FOR EXPLOSION.

LOW DENSITY POLYETHYLENE

970418

PAGE 2 OF 3

\*\*\*\*\* VII. REACTIVITY DATA \*\*\*\*\*

STABILITY (THERMAL, LIGHT, ETC.): STABLE  
 CONDITIONS TO AVOID: EXTREME HEAT  
 INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS  
 HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE. ALDEHYDES. ACETIC ACID.  
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

\*\*\*\*\* VIII. SPILL OR LEAK PROCEDURE \*\*\*\*\*

ENVIRONMENTAL IMPACT: REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802. FOR FURTHER INFORMATION, THE MOBIL CHEMICAL SPILL EMERGENCY NUMBER IS (409) 839-1290.  
 PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: SHOVEL UP AND DISPOSE AS NORMAL REFUSE.  
 WASTE MANAGEMENT: DISPOSE OF WASTE AS NORMAL REFUSE.

\*\*\*\*\* IX. SPECIAL PROTECTION INFORMATION \*\*\*\*\*

EYE PROTECTION: NO SPECIAL EQUIPMENT REQUIRED.  
 SKIN PROTECTION: NO SPECIAL EQUIPMENT REQUIRED. HOWEVER, GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.  
 RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.  
 VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION. USE LOCAL EXHAUST OVER HEATING OPERATIONS

\*\*\*\*\* X. SPECIAL PRECAUTIONS \*\*\*\*\*

\*\*\*\*\* XI. TOXICOLOGICAL DATA \*\*\*\*\*

---ACUTE---

ORAL TOXICITY (RATS): NONTOXIC(ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
 DERMAL TOXICITY (RABBITS): NONTOXIC(ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
 INHALATION TOXICITY (RATS): NONTOXIC(ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
 EYE IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
 SKIN IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

\*\*\*\*\* XII. REGULATORY INFORMATION \*\*\*\*\*

TSCA INVENTORY STATUS: ALL COMPONENTS ARE REGISTERED.  
 EINECS INVENTORY STATUS: ALL COMPONENTS ARE REGISTERED.  
 THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
*** NO INGREDIENT CITATIONS ***		

--- KEY TO LIST CITATIONS ---

1 = OSHA,	2 = ACGIH,	3 = IARC,	4 = NTP,	5 = NCI,
6 = EPA CARC,	7 = NFPA 49,	8 = NFPA 325M,	9 = DOT HMT,	10 = CA RTI
11 = IL RTK,	12 = MA RTK,	13 = MN RTK,	14 = NJ RTK,	15 = NJ SHI
16 = FL RTK,	17 = PA RTK,			

LOW DENSITY POLYETHYLENE

970418

PAGE 3 OF 3

\*\*\*\*\*  
 INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

\*\*\*\*\*  
 PREPARED BY: MOBIL OIL CORPORATION  
 ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPARTMENT, PRINCETON, NJ  
 FOR FURTHER INFORMATION, CONTACT:  
 MOBIL OIL CORPORATION, PRODUCT SAFETY AND INFORMATION SYSTEMS  
 P.O. BOX 1031, PRINCETON, N.J. 08540 (609) 737-5596

\*\*\*\*\* APPENDIX \*\*\*\*\*  
 FOR MOBIL USE ONLY: MHC: 0\* 0\* 0\* 0\* 0\* .PPEC: NE APPROVE REVISED:  
 09/19/84 rec'd 4/20/90