

AMOCO OIL CO -- TORLON 4203L -- 5970-01-387-4425

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

Product ID:TORLON 4203L  
MSDS Date:02/23/1989  
FSC:5970  
NIIN:01-387-4425  
Status Code:A  
MSDS Number: CLJMR  
=== Responsible Party ===  
Company Name:AMOCO OIL CO  
Address:200 E RANDOLPH DR MC 1408  
City:CHICAGO  
State:IL  
ZIP:60601-6401  
Country:US  
Info Phone Num:312-856-3907/3304  
Emergency Phone Num:1-800-447-8735 (HEALTH)  
R  
esp. Party Other MSDS Num.:01402000  
Preparer's Name:NOT PROVIDED  
Chemtec Ind/Phone:(800)424-9300  
CAGE:15958  
=== Contractor Identification ===  
Company Name:AMOCO OIL CO  
Address:200 E RANDOLPH DR  
Box:City:CHICAGO  
State:IL  
ZIP:60601-6401  
Country:US  
Phone:312-856-3907- EM HLTH: 800 447-8735  
CAGE:15958

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===== Composition/Information on Ingredients =====

Ingred Name:POLYAMIDE-IMIDE POLYMER (NJ TRADE SECRET REG. #  
363-425-699-5007 P)

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7

RTECS #:XR2275000

Minumum % Wt:0.

Maxumum % Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:TESTING NOT CONDUCTED.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: EYE: NO

SIGNIFICANT HEALTH HAZARDS IDENTIFIED. PARTICLES OR FIBERS MAY

CAUSE SLIGHT DISCOMFORT SIMILAR TO GETTING DUST IN THE EYE. SKIN:

NO SIGNIFIC

ANT HEALTH HAZARDS IDENTIFI ED. PARTICLES OR FIBERS MAY

CAUSE SLIGHT DISCOMFORT SIMILAR TO RUBBING SAND AGAINST THE SKIN.

INHALATION: NO SIGNIFICANT IRRITATION EXPECTED OTHER THAN POSSIBLE

MECHANICAL IRRITATION. INGESTION: NO SI GNIFICANT HEALTH HAZARDS

IDENTIFIED.

Explanation of Carcinogenicity:NO COMPONENT KNOWN TO BE PRESENT IN THIS

PRODUCT AT >0.1% IS PRESENTLY LISTED AS A CARCINOGEN BY THE U.S.

NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH

ON

CANCER, OR THE OCCUPATIO NAL SAFETY AND HEALTH ADMINISTRATION AT

OSHA.

Effects of Overexposure:EYE: PARTICLES OR FIBERS MAY CAUSE SLIGHT

DISCOMFORT SIMILAR TO GETTING DUST IN THE EYE. SKIN: PARTICLES OR

FIBERS MAY CAUSE SLIGHT DISCOMFORT SIMILAR TO RUBBING SAND AGAINST

THE SKIN. INHALATION: POS SIBLE MECHANICAL IRRITATION.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYE: FLUSH EYES WITH PLENTY

OF WATER. GET MEDICAL ATTENTION

IF IRRITATION PERSISTS. SKIN: WASH EXPOSED SKIN WITH SOAP AND

WATER. INHALATION: IF ADVERSE EFFECTS OCCUR, REMOVE TO

UNCONTAMINATED AREA. GE T MEDICAL ATTENTION. INGESTION: IF A LARGE

AMOUNT IS SWALLOWED, GET MEDICAL ATTENTION.

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

Flash Point:>465.6C, 870.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:AGENTS APPROVED FOR CLASS A

HAZRDS (E.G. FOAM,  
STEAM) OR WATER FOG.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL BUNKER GEAR,  
INCLUDING A POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:HIGH DUST CONCENTRATIONS HAVE A POTENTIAL  
FOR COMBUSTION OR EXPLOSION.

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

Spill Release Procedures:CONTAIN AND REMOVE BY MECHANICAL MEANS. VACUUM  
OR SWEEP OUT; AVOID PRODUCING DUST.

Neutralizing Agent:NOT RELEVAN  
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===== Handling and Storage =====

Handling and Storage Precautions:HANDLING: MINIMIZE DUST GENERATION AND  
ACCUMULATION. STORAGE: NO SPECIAL REQUIREMENTS.

Other Precautions:NOT PROVIDED

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

Respiratory Protection:NONE REQUIRED; HOWEVER, USE OF ADEQUATE  
VENTILATION IS GOOD INDUSTRIAL PRACTICE. DO NOT BREATHE DUST. IF  
VENTILATION IS INADEQUATE, USE NIOSH/MSHA CERTIFIED RESPIRATOR THAT

WILL PROTECT AGAINST DUST/M IST.

Ventilation:ADEQUATE

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:DUST GOGGLES

Other Protective Equipment:SKIN: NONE REQUIRED; HOWEVER, USE OF  
PROTECTIVE GLOVES/CLOTHING IS GOOD INDUSTRIAL PRACTICE.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =  
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT  
DETERMINED. N/E = NOT ESTABLISHED.

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Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:=357.2C, 675.F

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT DETERMINED

Vapor Density:N/D

Spec Gravity:(WATER=1):1.38

pH:NOT DETERMINED

Solubility in Water:NEGLIGIBLE, BELOW 0.1%

Appearance and Odor:ODORLESS. GREEN. BROWN. POWDER OR PELLETS.

Corrosion Rate:NOT PROVIDED

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

Stability Ind

icator/Materials to Avoid: YES

NONE IDENTIFIED

Stability Condition to Avoid: AVOID GENERATING DUST

Hazardous Decomposition Products: INCOMPLETE BURNING CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE AND OTHER HARMFUL PRODUCTS. HEATING CAN PRODUCE TOXIC FUMES OF METAL OXIDES.

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

Toxicological Information: TESTING NOT CONDUCTED. TITANIUM DIOXIDE HAS BEEN ASSIGNED EXPOSURE LIMITS BY ACGIH AND OSHA BASED ON NUISANCE DUST AND NOT TOXICITY.

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

Ecological: TESTING HAS NOT BEEN PERFORMED ON THIS PRODUCT.

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

Waste Disposal Methods: BURIAL AT A PERMITTED LANDFILL IS RECOMMENDED. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, OR LOCAL REGULATIONS. RCRA: THIS UNUSED MATERIAL, WHEN DISCARDED OR DISPOSED OF, IS NOT SPECIFICALLY LISTED AS A HAZARDOUS WASTE IN FEDERAL REGULATIONS.

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

Transport Information: NOT REGULATED

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

SARA Title III Information: CERCLA SECTIONS 102A/103 HAZARDOUS SUBSTANCES (40 CFR PART 302.4): THIS PRODUCT IS NOT REPORTABLE UNDER 40 CFR PART 302.4. SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR PART 355 ): THIS PRODUCT IS NOT REGULATED UNDER SECTION 302 OF SARA AND 40 CFR PART 355. SARA TITLE III, SECTION 311/312 HAZARDOUS CATEGORIZATION (40 CFR PART 370): THIS PRODUCT IS DEFINED AS HAZARDOUS BY OSHA UNDER 29 CFR PART 1910.1200(D). SARA TITLE III, SECTION 313 (40 CFR 372): THIS PRODUCT IS NOT REGULATED UNDER SECTION 313 OF SARA AND 40 CFR PART 372.

Federal Regulatory Information: U.S. INVENTORY (TSCA): LISTED ON INVENTORY. OSHA HAZARD COMMUNICATION STANDARD: CONTAINS A COMPONENT LISTED BY OSHA. CONTAINS A COMPONENT LISTED

D BY ACGIH.

State Regulatory Information:NOT PROVIDED

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

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