

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

===== 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)

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esp. Party Other MSDS Num.:01402000

Preparer's Name:NOT PROVIDED

Chemtrec 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

===== 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 SIGNIFICANT HEALTH HAZARDS IDENTIFIED. 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 SIGNIFICANT 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 OCCUPATIONAL 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: POSSIBLE 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. GET 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.

===== 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 S

ARA 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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