

GENERAL MOTORS CORP SPECIAL PRODUCTS DEPT -- POSITRACTION ADDITIVE 1052358 --
9150-01-087-2234

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

Product ID:POSITRACTION ADDITIVE 1052358

MSDS Date:09/26/1983

FSC:9150

NIIN:01-087-2234

MSDS Number: BJXRD

=== Responsible Party ===

Company Name:GENERAL MOTORS CORP SPECIAL PRODUCTS DEPT

Address:30007 VAN DYKE

City:WARREN

State:MI

ZIP:48090

Country:US

CAGE:11862

=== C

Contractor Identification ===

Company Name:GENERAL MOTORS CORP CHEVROLET MOTOR DIV

Address:30007 VAN DYKE

Box:City:WARREN

State:MI

ZIP:48090

Country:US

CAGE:11862

Company Name:UPD INC

Address:820 AVE F SUITE 104

Box:861468

City:PLANO

State:TX

ZIP:75086-1468

Country:US

Phone:214-881-0137

CAGE:5P920

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

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Fraction by Wt: 55%

Other REC Limits:NON

E SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3/10 STEL;9192

Ingred Name:ALKYL AMINE SALT OF PHOSPHORIC ACID, C10-C20
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED

Ingred Name:PHOSPHORIC ACID ANHYDRIDE, C10-C20
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGESTION: NO
T NORMALLY

EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT
ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE:
NOT NORMALLY EXPECTED TO CAUSE ANY ILL EF FECTS. SKIN: NOT NORMALLY
EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED
CONTACT MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY

IRRITATION, DERMATITIS AND EYE IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD
USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 1
5 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:PMCC
Flash Point:338F,170C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:HANDLE AS AN OIL SPILL; STOP FLOW. WIPE OR MOP
UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE
IN APPROPRIATE CONTAINER FOR DISPOSAL.

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

Handling and
Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER
SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS.
PROPER FOOTWEAR REQUIRED. STORE AT < 100F.
Other Precautions:WASH HANDS WITH SOAP AND WATER BEFORE EATING,
DRINKING, OR SMOKING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCO
HOL
Eye Protection:USE CHEMICAL SAFETY SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY
RESISTANT BOOTS AND APRONS RECOMMENDED.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.
Supplemental Safety and Health
WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED
CLOTHING AND LAUNDRER BEFORE REUSE. DISCARD CONTAMINATED LEATHER
GLOVES AND SHO
ES.

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

HCC:V6
Spec Gravity:0.925
Solubility in Water:INSOLUBLE
Appearance and Odor:DARK COLORED LIQUID

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT ABOVE 100F, OPEN FLAMES AND OTHER
SOURCES OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER ASPHYXIANTS;
OTHER OXIDES OF CARBON,

SULFUR, NITRIGEN, AND PHOSPHORUS.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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