

ATLAS PROCESSING CO. -- TRANSFORMER OIL CONFORMING TO ASTM D3487 -- 9160-00-685-0913  
===== Product Identification =====

Product ID:TRANSFORMER OIL CONFORMING TO ASTM D3487

MSDS Date:10/13/1993

FSC:9160

NIIN:00-685-0913

MSDS Number: BSCWR

=== Responsible Party ===

Company Name:ATLAS PROCESSING CO.

Address:3333 MIDWAY AVENUE

City:SHREVEPORT

State:LA

ZIP:71109

Country:US

Info Phone Num:713-236-6070

Emergency Phone Num:713-236-6070 OR 713-546-6227

CAGE:4M620

=== Contractor Identification ===

Company Name:ATLAS PROCESSING CO.

Address:3333 MIDWAY AVENUE

Box:City:SHREVEPORT

State:LA

ZIP:71109

Country:US

Phone:713-236-6070 OR 713-546-6227

CAGE:4M620

Company Name:UNIMARK OIL COMPANY (FORMERLY GARD OIL)

Address:2727 ROE LANE

City:KANSAS CITY

State:KS

ZIP:66103-1543

Country:US

Phone:913-236-5000; FX 913-236-4419

CAGE:3K676

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

Ingr

ed Name:LIGHT NAPHTHENIC HYDROTREATED DISTILLATE, (MINERAL OIL,  
PETROLEUM DISTILLATES, HYDROTREATED LIGHT NAPHTHENIC)

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 95-100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (MIST) 9293

Ingred Name:OXIDATION STABILIZER (TRADE SECRET)

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:Y

ES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: PRACTICALLY NON-IRRITATING.

SKIN: SLIGHT IRRITATION. PROLONGED OR REPEATED CONTACT MAY RESULT  
IN CONTACT DERMATITUS, OIL ACNE. INHALATION: NOT EXPECTED TO  
PRESENT A HAZARD AT AMBIENT TEMPERATURE . HEATED VAPORS MAY CAUSE  
IRRITATION OF UPPER RESPIRATORY TRACT. INGESTION: PRACTICALLY  
NON-TOXIC.

Effects of Overexposure:EYES: PRACTICALLY NON-IRRITATING. SKIN:

IRRITATION, OIL ACNE, DERMATITIS, DRYNESS, CHAPPING, REDDENING.

INHALATION: UPPER RESPIRATORY TRACT IRRITATION. ON RARE OCCASIONS,  
PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES RISK OF  
PULMONARY DISEASE SUCH AS CHRONIC LUNG INFLAMMATION. INGESTION:  
ABDOMINAL CRAMPS, DIARRHEA.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE  
INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED  
RISK FROM EXPOSURE TO THIS PRODUCT.

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=== First Aid Measures =====

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED  
CLOTHING. WASH AREA WITH SOAP AND WATER. IF ADVERSE SYMPTOMS  
DEVELOP, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR.  
PRODUCT HAS LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT A  
PROBLEM AT AMBIENT TEMPERATURES. INGESTION: DO NOT INDUCE VOMITING.  
GET MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:330F,166C

Extinguishing Media:USE DRY CHEMICAL, FOAM, CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT FLOATS, WILL REIGNITE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. USE WATER TO COOL FIRE EXPOSED CONTAINERS. FROTHING MAY OCCUR IF WATER OR FOAM IS SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON

MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

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

Spill Release Procedures:CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS. NOTIFY APPROPRIATE AUTHORITIES OF SPILL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OPEN FLAMES. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE.

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

Respiratory Protection:RESPIRATORY PROTECTION IS NOT REQUIRED UNDER NORMAL USE CONDITIONS. IF VAPOR OR MIST IS GENERATED WHEN HEATED OR HANDLED, USE AN ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE. PROVIDE ADEQUATE VENTILATION TO MAINTAIN PEL/TLV.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING

NG, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE  
HYDROCARBONS ARE PRESENT.

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

HCC:N1

Boiling Pt:B.P. Text:>580F,>304C

Melt/Freeze Pt:M.P/F.P Text:-50F,-46C

Spec Gravity:0.89

Solubility in Water:EMULSIFIES IN WATER

Appearance and Odor:COLORLESS OIL. MILD LUBE ODOR.

===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED  
ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE  
AND  
FEDERAL REGULATIONS. MATERIAL SHOULD BE RECYCLED IF POSSIBLE.

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