

HUL AMERICA INC -- ANDEROL 401D SYNTHETIC INSTRUMENT OIL -- 9150-00-270-0063

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Product Identification
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Product ID:ANDEROL 401D SYNTHETIC INSTRUMENT OIL

MSDS Date:05/06/1993

FSC:9150

NIIN:00-270-0063

MSDS Number: BTRJY

=== Responsible Party ===

Company Name:HUL AMERICA INC

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08854-0365

Country:US

Info Phone Num:201-763-7173

Emergency

Phone Num:201-763-7173

Preparer's Name:P.A.PARKER

CAGE:0DHB8

=== Contractor Identification ===

Company Name:HUL AMERICA INC

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08854-0365

Country:US

Phone:201-763-7173

CAGE:0DHB8

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Composition/Information on Ingredients
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Ingred Name:BARIUM COMPOUND,PROPRIETARY

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YE

S Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:THE BARIUM COMPOUND IN THIS ITEM IS CORROSIVE.MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL:NAUSEA,VOMITING.

Medical Cond Aggravated by

Exposure:PERSONS WITH PRE-EXISTING

RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

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Flash Point Method:COC

Flash Point:>450F,>232C

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,FOAM,CARBON DIOXIDE.AVOID SPREADING FIRE BY SPRAYING WATER DIRECTLY ON BURNING LIQUID.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

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

Spill Releas

e Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MISTS.

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===== Exposure Cont

rols/Personal Protection =====

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON THE AIRBORN CONCENTRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERMEABLE

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

MSDS ALLUDES TO THE POSSIBILITY THAT THE PROPRIETARY BARIUM COMPOUND IS AN ESTER.HMIS WOULD SUGGEST THAT THIS IS POSSIBLY BARIUM SALTS OF SULFONIC ACIDS IN A PETROLEUM OIL FRACTION.

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

HCC:V6

Boiling Pt:B.P. Text:>660F,>349C

Vapor Pres:1

Spec Gravi

ty: