

HULS AMERICA INC -- ANDEROL 456 SYNTHETIC IMPREGNATING OIL,0810456,L 456 --
9150-01-186-4008

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

Product ID:ANDEROL 456 SYNTHETIC IMPREGNATING OIL,0810456,L 456

MSDS Date:04/22/1996

FSC:9150

NIIN:01-186-4008

MSDS Number: CHQMG

=== Responsible Party ===

Company Name:HULS AMERICA INC

Address:80 CENTENNIAL AVE

Box:456

City:PISCATAWAY

State:NJ

ZIP:08855-0456

Country:US

Info Phone Num:908-980-6800/981-5016

Emergency Phone Num:908-980-6800

CAGE:63182

=== Contractor Identification ===

Company Name:HULS AMERICA INC

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08855

Country:US

Phone:201-763-7173

CAGE:63182

Company Name:NYE LUBRICANTS INC

Address:12 HOWLAND RD

Box:City:FAIR HAVEN

State:MA

ZIP:02719

Country:US

Phone:508-996-6721

CAGE:98354

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

Ingred Name:BARIUM DINONYL-NAPHTHALENESULFONA

TE
CAS:25619-56-1
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- EYES:MAY CAUSE IRRITATION. SKIN:MAY IRRITATE WITH
PROLONGED/ REPEATED CONTACT. HARMFUL IF ABSORBED T
HROUGH SKIN.
INHALE:MIST/VAPOR MAY CAUSE RE SPIRATORY IRRITATION. ORAL:CAN CAUSE
IRRITATION OF GI TRACT. CHRONIC- MAY CAUSE BLOOD DISORDERS BASED ON
ANIMAL DATA.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:IRRITATION, NAUSEA, HEADACHE, VOMITING,
TEARING, REDDENING OR SWELLING, RASH.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXIS
TING SKIN
DISORDERS MAY BE MORE SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO
THIS PRODUCT.

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

First Aid:EYE: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY
OF WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION DEVELOPS OR
PERSISTS. SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF
WATER. REMOVE CON TAMINATED CLOTHING. OBTAIN MEDICAL ATTENTION
IMMEDIATELY IF SYMPTOMS OCCUR. WASH CLOTHING BEFORE RESUE.

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

Flash Point Method:COC
Flash Point:450F,232C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, DRY CHEMICAL. WATER
MAY CAUSE FROTHING.
Fire Fighting Procedures:AS IN ANY FIRE, WEAR SELF-CONTAINED POSITIVE
PRESSURE BREATHING APPARATUS, AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:CONTAINERS CAN BUILD UP PRESSURE IF
EXPOSED TO HEAT (FIRE). COOL WITH WATER SPR

AY.

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

Spill Release Procedures: VENTILATE AREA. ABSORB SPILL WITH INERT MATERIAL AND PLACE IN A CHEMICAL WASTE CONTAINER. OBEY RELEVANT LOCAL, STATE AND FEDERAL LAWS & REGULATIONS. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS, GROUND WATER OR SOIL. USE PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and

Storage Precautions: STORE IN A COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

Other Precautions: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRY BEFORE RE-USE.

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

Respiratory Protection: A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI

Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

Ventilation: USE ADEQUATE VENTILATION.

Protective Gloves: USE IMPERMEABLE GLOVES TO MINIMIZE CONTACT.

Eye Protection: USE CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental

Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC: V6

NRC/State Lic Num: NOT RELEVANT

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

Melt/Freeze Pt: M.P/F.P Text: NOT GIVEN

Decomp Temp: Decomp Text: NOT GIVEN

Vapor Pres: