

HUL AMERICA INC -- MIL-H-46170,REV.B,TYPE II -- 9150-00-111-6254

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Product Identification
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Product ID:MIL-H-46170,REV.B,TYPE II

MSDS Date:02/21/1991

FSC:9150

NIIN:00-111-6254

MSDS Number: BTRTC

=== 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 DINONYLNAPHTHALENE SULFONATE

CAS:25619-56-1

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG/M3 (AS BA)

ACGIH TLV:0.5 MG/M3 (AS BA)

Ingred Name:BARIUM, SOLUBALE COMPOUNDS(AS BA)

(SARA III)
CAS:7440-39-3
RTECS #:CQ8370000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3; 9394

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:CORROSIVE.MAY CAUSE
IRRITATION.SKIN:MAY CAUSE MODERATE IRRITATION.INGEST:MAY CAUSE GI
TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY I
RRITATION.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:INGEST:NAUSEA,VOMITING.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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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:430F,221C
Extinguishing Media:WATER FOG,DRY CHEMICAL,FOAM,CARBON DIOXIDE.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.
Unusual Fire/Explosion Hazard:
FIRE CONDITIONS MAY EVOLVE TOXIC
FUMES.AVOID SPREADING BURNING LIQUID WITH WATER SPRAY.CONTAINERS
MAY RUPTURE FROM HEAT OF FIRE.

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Accidental Release Measures
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Spill Release 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
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Handl

ing and Storage Precautions:MAXIMUM OPERATING TEMPERTURE IS
430F.MAY SOFTEN PLASTICS AND PAINTED SURFACES.WIPE UP SPILLS
IMMEDIATELY.

Other Precautions:FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS.

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

Protective Gloves:IMPERMEABLE

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.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

NONE

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

HCC:V6

Spec Gravity:0.842

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID;RED.

ODOR NOT REPORTED.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

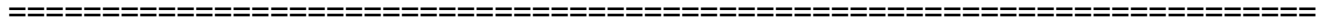
Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:TOXIC FUMES(NOT SPECIFIED).

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.DO NOT CONTAMINATE WATERWAY

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