

CASCHEM INC -- AA STANDARD -- 9150-00-270-0047

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

Product ID:AA STANDARD  
MSDS Date:04/15/1997  
FSC:9150  
NIIN:00-270-0047  
Status Code:A  
MSDS Number: CKSBD  
=== Responsible Party ===  
Company Name:CASCHEM INC  
Address:40 AVE A  
City:BAYONNE  
State:NJ  
ZIP:07002-5265  
Country:US  
Info Phone Num:201-858-7900  
Emergency Phone Num:800-CASCHEM  
Resp. Party Other MSDS Num.:PRODUCT CO  
DE: 71009  
Chemtec Ind/Phone:(800)424-9300  
CAGE:1Y152  
=== Contractor Identification ===  
Company Name:CASCHEM INC  
Address:40 AVE A  
Box:City:BAYONNE  
State:NJ  
ZIP:07002-5265  
Country:US  
Phone:201-858-7900  
CAGE:1Y152  
Company Name:SDB CONSULTANTS LTD  
Address:401 WHITNEY AVE SUITE 120  
Box:City:GRETNA  
State:LA  
ZIP:70056  
Country:US  
Phone:504-366-9105  
Contract Num:SP0450-00-M-C809  
CAGE:0PGK2

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

Ingred Name:CASTOR OIL  
CAS:8001-79-4  
RTECS #

:FI4100000

= Wt:100.

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

Health Hazards Acute and Chronic: BREATHING: SINGLE EXPOSURE TO VAPORS OR MIST IS NOT LIKELY TO BE HAZARDOUS. SKIN: EXTENDED/REPEATED CONTACT MAY CAUSE IRRITATION IN SOME INDIVIDUALS. EYE: CONTACT WITH EYES MAY CAUSE SLIGHT EYE IRRITATION. SWALLOWING: NOT EXPECTED TO BE TOXIC BY INGESTION. LONG TERM HEALTH EFFECTS. NOT KNOWN  
Medical Cond Aggravated by Exposure: NOT KNOWN.

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

First Aid: BREATHING: NO SPECIFIC TREATMENT IS NECESSARY SINCE THE MATERIAL IS NOT LIKELY TO BE HAZARDOUS BY INHALATION. IF EXPOSED TO EXCESSIVE LEVELS OF VAPORS OR MISTS, REMOVE TO FRESH AIR & GET MEDICAL ATTENTION IF COUGH OR OTHER SYMPTOMS DEVELOP. SKIN: WASH WITH SOAP & WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINS, HOLDING EYELIDS APART. GET MEDICAL ATTENTION IF IRRITATION OR OTHER SYMPTOMS OCCUR. SWALLOWING: GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method: PMCC  
Flash Point: =282.2C, 540.F  
Autoignition Temp: =448.9C, 840.F  
Lower Limits: NOT AVAILABL  
Upper Limits: NOT AVAILABL  
Extinguishing Media: CO2, DRY CHEMICAL, ALCOHOL FOAM, WATER SPRAY.  
Fire Fighting Procedures: EVACUATE AREA & FIGHT FIRE FROM SAFE DISTANCE.  
WEAR PRESSURE-DEMAND SELF CONTAINED BREATHING APPARATUS (MSHA/NIOSH-APPROVED OR EQUIVALENT) & FULL PROTECTIVE GEAR. AS WITH ANY FIRE, TOXIC GASES, VAPORS, & FUMES CAN BE GENERATED. USING WATER CAN CAUSE FROTHING WITH INCREASING FIRE INTENSITY.  
Unusual Fire/Explosion Hazard: NONE KNOWN

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

Spill Release Procedures: GENERAL: MINIMIZE ENTRY OF MATERIAL INTO SEWERS & DRAINAGE SYSTEMS

. REFER TO PERMIT DISCHARGE LIMITATIONS IF APPLICABLE. ISOLATE SPILL AREA, PREVENTING ENTRY BY UNAUTHORIZED PERSONS. PREVENT SKIN/EYE CONTACT. SM/LG SPILLS: STOP LEAK & CONTAIN MATERIAL. ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND, EARTH). PLACE IN AN APPROVED CHEMICAL WASTE CONTAINER.

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

Handling and Storage Precautions:STORAGE: STORE IN A COOL DRY PLACE AWAY FROM STRONG OXIDIZERS & ACIDS. HANDLING: ALTHOUGH THIS

MATERIAL DOES NOT PRESENT A SIGNIFICANT SKIN OR EYE CONCERN, SKIN & EYE CONTACT SHOULD BE AVOIDED AS GOOD INDUSTRIAL PRACTICE. WEARING OF PROTECTIVE GLOVES & EYE PROTECTION IS RECOMMENDED.

Other Precautions:WASH HANDS & CONTAMINATED SKIN AFTER HANDLING.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR AS NEEDED TO CONTROL EXPOSURE. CONSULT WITH RESPIRATOR MANUFACTURER TO

DETERMINE RESPIRATOR SELECTION, USE & LIMITATIONS.

USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR FOR UNCONTROLLED RELEASES OR WHEN AIR PURIFYING LIMITATIONS MAY BE EXCEEDED. FOLLOW RESPIRATORY PROTECTION PROGRAM REQUIREMENTS.

Ventilation:SOURCE OF FINE SPARY, MIST OR VAPOR SHOULD BE CONTROLLED WITH LOCAL EXHAUST VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES. CHEMICAL GOGGLES. FACE SHIELD AS NEEDED.

Other Protective Equipment:CLEAN PROTECTIVE BODY-COVERING CLOTHING AS

NEEDED TO MINIMIZE CONTACT WITH CLOTHING & SKIN.

Supplemental Safety and Health

EMERGENCY OVERVIEW: CLEAR-AMBER LIQUID WITH A CHARACTERISTIC ODOR. PRESENT LITTLE OR NO IMMEDIATE SIGNIFICANT HAZARD IF SPILLED OR INVOLVED IN A FIRE.

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

HCC:V6

Boiling Pt:=312.8C, 595.F

Melt/Freeze Pt:=-26.1C, -15.F

Vapor Pres:NOT AVAILABLE

Vapor Density:> AIR

Spec Gravity:0.959 @ 77 DEG F (H2O=1)

pH:NOT AVA

ILABLE

Viscosity:7.5 STOKES @ 77 DEG F

Evaporation Rate & Reference:SLOWER THAN N-BUTYL ACETE

Solubility in Water:INSOLUBLE

Appearance and Odor:PALE YELLOW VISCOUS LIQUID, CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.

Stability Condition to Avoid:KEEP FROM CONTACT WITH OXIDIZING MATERIALS.

Hazardous Decomposition Products:PRODUCTS OF INCOMPLETE COMBUSTION MAY

INCLUDE CO, CO2, & DENSE SMOKE.

===== Toxicological Information =====

Toxicological Information:CASTOR OIL (CAS# 8001-79-4); ORAL LD50, RAT; >5,000 MG/KG. EYE IRRITATION, RABBIT; 500 MG - MILD. SKIN IRRITATION, RABBIT; MILD. SKIN IRRITATION, HUMAN; 48 HOUR PATCH TEST - NOT IRRITATING.

===== Ecological Information =====

Ecological:NOT AVAILABLE.

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

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Waste Disposal Methods:WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL REGULATIONS. CONTAINER DISPOSAL: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL REGULATIONS

===== MSDS Transport Information =====

Transport Information:DOT SHIPPING NAME: NOT REGULATED. IMO SHIPPING NAME: NOT REGULATED. IATA SHIPPING NAME: NOT REGULATED.

===== Regulatory Information =====

SARA Title III Informati

on:SARA 311/312 CHRONIC HEALTH HAZARD: NO.

SARA 311/312 ACUTE HEALTH HAZARD: NO. SARA 311/312 FIRE HAZARD: NO.

SARA 311/312 SUDDEN PRESSURE: NO. SARA 311/312 REACTIVITY HAZARD:  
NO. SECTION 302 EXTREMELY HAZARDOUS: NONE.

Federal Regulatory Information:CERCLA HAZARDOUS SUBSTANCE: NONE.

SECTION 313 TOXIC CHEMICALS: NONE. TSCA: THIS SUBSTANCE IS LISTED  
ON THE TSCA INVENTORY.

State Regulatory Information:NJ ENVIRONMENTAL HAZARDOUS SUBSTANCE LIST:

NONE. CALIFORNIA PROPOSITION

65 INGREDIENTS: NONE.

===== Other Information =====

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