

CASCHEM INC -- 71001, DB CASTOR OIL -- 9150-00-694-1409

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Product Identification
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Product ID:71001, DB CASTOR OIL

MSDS Date:10/27/1998

FSC:9150

NIIN:00-694-1409

Status Code:A

MSDS Number: CKJMR

=== 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:800-227-2436

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-C220

CAGE:0PGK2

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Composition/Information on Ingredients
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Ingred Name:CASTOR OIL

CAS:8001-79-4

RTECS #:FI4100000

= Wt:100.

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50, RAT >5000 MG/KG

Health Hazards Acute and Chronic:BREATHING: SINGLE EXPOSURE TO VAPORS OR MIST IS NOT LIKELY TO BE HAZARDOUS. SKIN CONTACT: EXTENDED/REPEATED CONTACT MAY CAUSE IRRITATION IN SOME INDIVIDUALS. EYES CONTACT: CONTACT WITH EYS MAY CAUSE SLIGHT IRRITATION. SWALLOWING: NOT EXPECTED TO BE TOXIC BY INGESTION. LONG TERM HEALTH EFFECTS: NONE KNOWN.

Explanation of Carcinogenicity

:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:SKIN CONTACT: EXTENDED/REPEATED CONTACT MAY CAUSE IRRITATION IN SOME INDIVIDUALS. EYES CONTACT: CONTACT WITH EYS MAY CAUSE SLIGHT IRRITATION.

Medical Cond Aggravated by Exposure:NOT KNOWN.

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First Aid Measures
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First Aid:BREATHING: NO SPECIFIC TREATMENT IS NECESSARY SINCE MATEIAL IS NOT LIKELY TO BE HAZARDOUS BY INHALATION. IF EXPOSED TO EXCESSIVE LEVELS OF VAPORS OR MISTS, REMOVE TO FRESH AIR AND GET MEDICAL ATTENTI ON IF COUGH OR OTHER SYMPTOMS DEVELOP. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN UTES, 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
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Flash Point Method:PMCC

Flash Point:=282.2C, 540.F

Autoignition Temp:=448.9C, 840.F

Extinguishing Media:CARBON DIOXIDE (CO2), DRY CHEMICAL, ALCOHOL FOAM, WATER SPRAY.

Fire Fighting Procedures:EVACUATE AREA AND FIGHT FROM SAFE DISTANCE. WEAR PRESSURE-DEMAND SELF-CONTAINED BRETAHING APPARATUS (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USING WATER CAN CAUSE FROTHING WITH IN CREASING FIRE INTENSITY.

Unusual Fire/Explosion

Hazard:NONE KNOWN. SENSITIVITY TO EXPLOSION:
NONE EXPECTED BY MECHANICAL IMPACT OR STATIC DISCHARGE. CONDITIONS
OF FLAMMABILITY: MATERIAL MAY BURN, BUT DOES NOT IGNITE REEADILY.
AVOID HIGH TEMPERATURES.

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

Spill Release Procedures:MINIMIZE ENTRY OF MATERIAL INTO SEWERS AND
DRAINAGE SYSTEMS. REFER TO PERMIT DISCHARGE IF LIMITATIONS IF
APPLICABLE. ISOLATE SPILL AREA. PREVENT ENTRY OF UNAUTHORIZED
PERSONS. P

REVENT SKIN/EYE CONTA CT. SMALL SPILL: ABSORB WITH INERT
MATERIAL. PLACE IN AN APPROVED CHEMICAL WASTE COMTAINER. LARGE
SPILL: SHUT OFF LEAK IF SAFE TO DO SO. CLEAN UP IMMEDIATELY.
CONTAIN WITH INERT SAND OR EARTH.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:ALTHOUGH THIS MATERIAL DOES NOT
PRESENT A SIGNIFIGANT SKIN OR EYE SONCERN, SKIN AND EYE CONTACT
SHOULD B

E AVOIDED AS GOOD INDUSTRIAL PRACTICE. WEARING PROTECTIVE
GLOVES AND EYE PROTECTION IS RECOMMEND ED. WASH HANDS AND
CONTAMINATED SKIN AFTER HANDLING.

Other Precautions:STORE IN A COOL, DRY PLACE AWAY FROM STRONG OXIDIZERS
AND ACIDS.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED AIR PURIFYING
RESPIRATOR AS NEEDED TO CONTROL EXPOSURE. USE A POSITIVE PRESSURE
AIR SUPPLIED RESPIRATOR FOR UNCONTROLLED RELEASE

S OR WHEN AIR
PURIFYING RESPIATOR LIMITATIONS MAY BE EXCEEDED. FOLLOW
RESPIRATORY PROGRAM REQUIREMENTS (OSHA 1910.134) AND ANSI Z 88.2)
FOR ALL REPIRATOR USE.

Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER
ENGINEERING CONTROLS TO CONTROL SOURCES OF DUST, MIST OR VAPOR.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:IMPERVIOUS GLASSES.

Other Protective Equipment:AS NEEDED TO MINIMIZE CONTACT WITH CLOTHING
AND SKIN.

Work Hygienic Practices:WASH HA

NDS AND CONTAMINATED SKIN AFTER
HANDLING.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V5

Boiling Pt:=312.8C, 595.F

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

Spec Gravity:0.959

Viscosity:7.5 STROKES @ 77F

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 CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2), AND DENSE
SMOKE.

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

Toxicological Information:CASTOR OIL (CAS# 7001-79-4): ORAL LD50, RAT
>5000 MG/KG; EYE IRRITATION, RABBIT, 500 MG/KG; SKIN IRRITATION,
RABBIT, MILD; SKIN IRRITATION, HUM
AN, 48 HOUR PATCH TEST-NOT
IRRITATING.

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

Ecological:ECOTOXICOLOGICAL INFORMMATION: NOT AVAILABLE. CHEMICAL FATE:
NOT AVAILABLE.

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

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

===== MSDS Transport Info

Information =====

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

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

SARA Title III Information: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 HAZARD: NO; SARA 311/312 REACTIVITY HAZARD: NO. SECTION 302 EXTREMELY HAZARDOUS: NONE. SECTION 313 TOXIC CHEMICAL: NONE.

Federal Regulatory Information:CERCLA HAZARDOUS SUBSTANCES: 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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