

U S BORAX AND CHEMICAL CORP -- BIOBOR JF -- 6840-01-041-0098

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Product Identification
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Product ID: BIOBOR JF

MSDS Date: 08/31/1990

FSC: 6840

NIIN: 01-041-0098

MSDS Number: BLMVK

=== Responsible Party ===

Company Name: U S BORAX AND CHEMICAL CORP

Address: 3075 WILSHIRE BLVD

Box: 2781 T

City: LOS ANGELES

State: CA

ZIP: 90010-1207

Country: US

Emergency Phone Num: 714-774-2673

Preparer's Name: P.L. STRON

G

CAGE: 24611

=== Contractor Identification ===

Company Name: AMALGAMATED COAL AND PETROLEUM SPECIALISTS, INC,

Address: 6211 DISCOUNT DRIVE

Box: 9798

City: FORT WAYNE

State: IN

ZIP: 46899

Country: US

Phone: 219-747-7828

CAGE: 63084

Company Name: U S BORAX AND CHEMICAL CORP

Address: 3075 WILSHIRE BLVD

Box: 2781 T

City: LOS ANGELES

State: CA

ZIP: 90010-1207

Country: US

CAGE: 24611

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Composition/Information on Ingredients
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Ingred Name: HYDROTREATED HEAVY NAPHTHA

CAS: 64742-48-9

Fraction by

Wt: 4.5%

Other REC Limits:NONE SPECIFIED

Ingred Name:2,2'-(1-METHYLTRIMETHYLENEDIOXY)
BIS-(4-METHYL-1,3,2-DIOXABORINANE)

CAS:8063-89-6

Fraction by Wt: 67.6%

Other REC Limits:NONE SPECIFIED

Ingred Name:2,2'-OXYBIS (4,4,6-TRIMETHYL-1,3,2-DIOXABORINANE)

Fraction by Wt: 27.4%

Other REC Limits:NONE SPECIFIED

Ingred Name:INERT INGREDIENTS

Fraction by Wt: 0.5%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT)

IS 3.16 ML/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: EYE-SLIGHT/MODERATE IRRITATION.

HUMAN EYE IRRITANT. SKIN-ERYTHEMA IF SKIN IS NOT WASHED OFF AFTER CONTACT. CORROSIVE-THIS PRODUCT IS NON-CORROSIVE. CHRONIC: INGEST-ANIMAL STUDIES SHOW A DECREASE IN SPERM PRODUCTION & TESTICLE SIZE. EYE-CORNEAL OPACITY. SKIN-ATONIA, DESQUAMATION, CORIACEOUSNESS, FISSURING, EDEMA.

Ex

planation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INGESTION-NAUSEA & VOMITING. INHALE-CAN CAUSE DIZZINESS & NAUSEA.. EYE-TRANSIENT CONJUNCTIVAL BLISTERING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE-FLUSH WITH TEPID WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP AND WATE

R. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. DRINK 2-3 GLASSES OF WATER OR MILK. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:102F,39C
Extinguishing Media:CARBON DIOXIDE, FOAM-TYPE B, POWDER.
Fire Fighting Procedures:WEAR BREATHING APPARATUS SUCH AS SCOTT AIRPAC.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:TAKE UP WITH ABSORBANT FOR ORGANIC LIQUIDS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAME.
Other Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE TO AVOID PRODUCT EXPOSURE TO ATMOSPHERIC PRESSURE.

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

Respiratory Protection:STANDARD DISPOSABLE FOR ORGANIC VAPORS.
Ventilation:LOCAL EXHAUST IS SUFFICIENT.
Protective Gloves:SOLVENT RESISTANT GLOVES.
Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD.
Other Protective Equipment:NONE
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

HCC:F4
Spec Gravity:1.05
Solubility in Water:NONE, HYDROLYZES
Appearance and Odor:YELLOW LIQUID WITH AROMATIC ODOR.

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===== Stability and React

ivity Data =====

Stability Indicator/Materials to Avoid: YES

EXPOSURE TO WATER.

Stability Condition to Avoid: EXPOSURE TO WATER; OPEN CONTAINERS.

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: COVERED LANDFILL. CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY OR HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDELINES. DO NOT CONTAMINATE WATER, FOOD OR FE
E D. READ CONTAINER LABEL.

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