

BARDAHL MANUFACTURING CORP -- BARDAHL OIL ADDITIVE 30 (BOA 30) -- 9150-01-130-3688

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Product Identification
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Product ID:BARDAHL OIL ADDITIVE 30 (BOA 30)
MSDS Date:11/07/1988
FSC:9150
NIIN:01-130-3688
MSDS Number: BKBZQ
=== Responsible Party ===
Company Name:BARDAHL MANUFACTURING CORP
Address:1400 N W 52ND ST
Box:70607
City:SEATTLE
State:WA
ZIP:98107-5131
Country:US
Info Phone Num:206-7
83-4851
Emergency Phone Num:206-526-2121
Preparer's Name:A. J. KIEHN
CAGE:99147
=== Contractor Identification ===
Company Name:BARDAHL MANUFACTURING CORP
Address:1400 N W 52ND ST
Box:City:SEATTLE
State:WA
ZIP:98107-5131
Country:US
Phone:206-783-4851
CAGE:99147
Company Name:MANNESMANN TALLY CORP
Address:8301 S 180TH ST
Box:City:KENT
State:WA
ZIP:98032-1013
Country:US
CAGE:12344

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Composition/Information on Ingredients
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Ingred Name:NAPHTHENIC ACID; LEAD SALT (LEAD, IN

THE FORM OF AN
ORGANO-METALLIC NAPHTHENATE)

CAS:61790-14-5

RTECS #:QK9150000

Fraction by Wt: 0.5-2.0%

ACGIH TLV:0.05 MG/M3 (MFR)

Ingred Name:LUBRICATING OIL. CONTAINS CHLORINATED PARAFFIN.

Fraction by Wt: 60%

Other REC Limits:10 MG/M3 STEL

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50:(ORAL, RAT) > 5000 MG/KG

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

Reports of Carcinogenicit

y:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:RECENT STUDIES INDICATE CHLORINATED

PARAFFIN CMPD SIMILAR TO THAT USED IN BARDAHL OIL ADDITIVE 30

INCREASED INCIDENCE OF TUMORS IN LAB ANIMALS WHEN FORCE FED IN

COMBINATION W/CORN OIL AT HIGH DOSES FO R LONG PERIODS. INDUSTRY

HLTH RECORDS SHOW NO EVID OF HUMAN HLTH HAZ W/MANUFACTURE & HNDLG

OF CHLORINATED PARAFFIN.(MFR)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYE:MAY CAUSE IRRIT. INHAL:EX

POS TO VAPS/MIST

MAY CAUSE PULMONARY IRRIT, DIZZINESS, NAUSEA. INGEST:CAN CAUSE GI

IRRIT, NAUSEA, VOMITING. ASPIRATION INTO LUNGS CAN CAUSE CHEM

PNEUMONITIS WHICH CAN BE F ATAL. LG QTYS MAY RESULT IN LEAD

POISONING NOTED BY LOSS OF APPETITE, WEIGHT LOSS, FATIGUE, HDCH,

DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. GET MD

IF

IRRITATION SYMPTOMS PERSIST AFTER WATER FLUSH. SKIN:WASH W/SOAP AND

WATER. INGEST:GET MD IMMEDIATELY. INHAL:REMOVE TO FRESH AIR AND

VENTILATE AREA .

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

Flash Point Method:COC

Flash Point:345F,174C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA

AND FULL PROTECTIVE EQUIPMENT . COOL FIRE EXPOSED CONTAINERS WITH

WATER.

Un

usual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE .

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

Spill Release Procedures:TRANSFER BULK OF MATERIAL INTO ANOTHER CONTAINER. ABSORB REMAINING RESIDUE WITH PROPER ABSORBENTS SUCH AS SAND AND EARTH VERMICULITE. SWEEP UP AND DISPOSE AS SOLID WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PETROLEUM PRODUCTS PRESENT, KEEP CLEAN AND DRY; DO NOT STORE NEAR SOURCES OF IGNITION. DO NOT LEAVE PARTIAL DRUMS OR CONTAINERS OPEN.

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

Respiratory Protection:NOT REQUIRED NORMALLY. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:MECHANICAL VENTILATION NOT NORMALLY REQUIRED.
Protective Gloves:NEOPRENE GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING SANITARY FACILITIES .
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:>500F,>260C
Vapor Pres: AIR
Spec Gravity:0.9
Evaporation Rate & Reference:< 1 (BUTYL ACETATE = 1)
Solubility in
Water:NEGLIGIBLE
Appearance and Odor:LIQUID, AMBER COLOR, MINERAL OIL ODOR.
Percent Volatiles by Volume:< 1%

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, CHROMIC ACID AND BROMINE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN PRODUCE CO, CO*2. HCL, PHOSGENE .

===== Disposal Consid

erations =====

Waste Disposal Methods: NORMAL PROCEDURES OF PETROLEUM PRODUCTS WHICH ARE IN ACCORD WITH LOCAL, REGIONAL AND FEDERAL REGULATIONS.

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