

1,3,5-TRIOXANE

MSDS Number

BHCNW

National Stock Number

9110-00-889-3553

Product Name

1,3,5-TRIOXANE

Manufacturer

VAN BEN INDUSTRIES INC

Product Identification

Product ID:1,3,5-TRIOXANE

MSDS Date:02/28/1989

FSC:9110

NIIN:00-889-3553

MSDS Number: BHCNW

Responsible Party

VAN BEN INDUSTRIES,INC.

REAR OF 530 MAIN STREET

CLINTON , MA 01510

Emergency Phone: 508-368-8145

Info Phone: 508-368-8145

Preparer: JOHN E. GORMAN

Cage: 3Z202

Contractor

VAN BEN INDUSTRIES INC.

330

CLINTON, MA 01510

US

508-368-8145/MICHAEL MARONI

Cage: 3Z202

Ingredients

1,3,5-TRIOXANE

CAS: 2396-42-1

RTECS: YK0400000

Fraction By Weight: 95%

MAGNESIUM STEARATE

CAS: 557-04-0

RTECS: WI4390000

Fraction By Weight: 5%

OSHA PEL10 MG/M3 TOTAL DUST

ACGIH TLV: 10 MG/M3 TOTAL DUST

METHYLENE BLUE

CAS: 61-73-4

RTECS: SO5600000

Fraction By Weight:

HMIS SUGGESTS CONTROLLING THE EXPOSURE TO FORMALDEHYDE,THE

RTECS: 9999999ZZ

OSHA PELSEE 1910.1048

ACGIH TLV: 1 PPM,STEL 2 PPM

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 800 MG/KG

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

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

Health Hazards Acute and Chronic:PRODUCT IS AN IRRITANT. MAY BE HARMFUL IF INHALED OR INGESTED.

Explanation of Carcinogenicity:PRODUCT MAY DECOMPOSE AND RELEASES FORMALDEHYDE WHICH IS LISTED AS CARCINOGEN BY ALL THREE AGENCIES.

Effects of Overexposure:MAY CAUSE IRRITATION TO ANY BODY TISSUE ON CONTACT.

Medical Cond Aggravated by Exposure:NONE REPORTED.

First Aid

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. LAUNDRER CLOTHING BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEE DED. INGESTED:DO NOT INDUCE VOMITING. GIVE WATER OR MILK. (NOTHING BY MOUTH IF UNCONSCIOUS) GET IMMEDIATE MEDICAL CARE. IF SYMPTOMS PERSIST OR ARE SEVERE,GET MEDICAL CARE.

Fire Fighting

Flash Point Method:OC

Flash Point:113F/45C

Autoignition Temp:Autoignition Temp Text:777F

Lower Limits:3.6

Upper Limits:28.7

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

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. TREAT AS COMBUSTABLE LIQUID FIRE.

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION,VENTILATE AREA.PLACE IN TIGHTLY CLOSED CONTAINERS PENDING DISPOSAL. HANDLE AS THOUGH COMBUSTABLE LIQUID WAS SPILLED.

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED AREA. KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT,FLAME,SPARKS,ETC.

Exposure Controls

Respiratory Protection:NONE EXPECTED TO BE NECESSARY. USE NIOSH/MSHA ORGANIC VAPOR RESPIRATOR IF EXPOSURE IS REPEATED OR PROLONGED,OR IF FORMALYDEHYDE PEL/TLV IS EXCEEDED.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:RUBBER,PLASTIC,OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:EYEWASH,SAFETY SHOWER.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

PRODUCT IS MANUFACTURED BY CELANESE, THEN REPACKED BY VAN BEN. VAN BEN

SUPPLIED THE MSDS.

Chemical Properties

HCC:F8
Boiling Pt:B.P. Text:239F/115C
Vapor Pres:13MM
Vapor Density:3.1
Spec Gravity:1.17C
Solubility in Water:21 GM/100 ML @ 25C
Appearance and Odor:BLUE SOLID,CHLOROFORM LIKE ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS,ACID CHLORIDES,ACID ANHYDRIDES.
Stability Condition to Avoid:HEAT,IGNITION SOURCES.
Hazardous Decomposition Products:FORMALDEHYDE IS RELEASED BY EXCESSIVE
HEATING AND CONTACT WITH MINERAL (STRONG ACIDS).

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
HMIS SUGGESTS INCINERATION.

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