

HILL MFG CO INC -- 1323 BAN-O -- 6840-01-397-2699

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

Product ID:1323 BAN-O
MSDS Date:08/21/1992
FSC:6840
NIIN:01-397-2699
MSDS Number: CBRDK
=== Responsible Party ===
Company Name:HILL MFG CO INC
Address:1500 JONESBORO RD
City:ATLANTA
State:GA
ZIP:30315
Country:US
Info Phone Num:404-522-8364
Emergency Phone Num:800-535-5053
Preparer's Name:RICK GLISSON
CAGE:FO866

==

= Contractor Identification ===
Company Name:HILL MANUFACTURING CO INC
Address:1500 JONESBORO DR
Box:City:ATLANTA
State:GA
ZIP:30315
Country:US
Phone:404-522-8364
CAGE:66086
Company Name:HILL MFG CO INC
Address:1500 JONESBORO ROAD
City:ATLANTA
State:GA
ZIP:30315
Phone:(404) 522-8364
CAGE:FO866

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 40-60%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 500

STEL

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYES: CAN CAUSE SEVERE IRRITATION,
REDNESS, TEARING AND BLURRED VISION. SKIN: PROLONGED OR REPEATED
CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
INHALATION: EXCESSIVE INHALATION OF VA PORS CAN CAUSE NASA

L AND

RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,
HEADACHE. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: INGESTION: CAN CAUSE GASTROINTESTINAL
IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH W/LG AMTS OF WATER FOR AT LEAST 15 MIN LIFTING
UPPER & LOWER LIDS OC

CAS. GET MED ATTN. SKIN: THORO WASH EXPOSED

AREA W/SOAP & WATER. REMOVE CONTAMD CLTHG. LAUNDER CONTAMD CLTHG
BEFORE REUS E. INHAL: IF AFFECTED, REMOVE TO FRESH AIR. IF BRTHG IS
DFCLT, ADMIN OXYGEN. IF BRTHG HAS STOPPED GIVE ARTF RESP. KEEP
WARM, QUIET & GET MED ATTN. INGEST: IMMED DRINK 2 GLASSES OF WATER
& (SUPDAT)

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

Flash Point Method:TCC

Flash Point:74.0F,23.3C

Lower Limits:2.5%

Upper Limits:12.1%

Extingu

ishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS
AND OPEN FLAME.

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

Spill Release Procedures:SMALL SPILL: FLUSH AREA WITH PLENTY OF WATER.

LARGE SPILL: SOAK UP WITH ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====

Handling and Storage =====

Handling and Storage Precautions:ALWAYS STORE UNUSED PORTION IN ORIGINAL CNTNR W/CAP SECURE. NEVER STORE IN UNLABELED OR IMPROPERLY LABELED CNTNR. FLAMM. KEEP AWAY FROM HEAT, (SUPDAT)
Other Precautions:AS WITH ALL CHEMICALS, USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS. KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL/INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE NORMALLY NEEDED. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:NONE NORMALLY NEEDED.
Protective Gloves:RUBBER GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
FIRST AID PROC: INDUCE VOMIT BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING TO AN UNCON PERSON. GET MED ATTN IMMED. HNDLG/STOR PRECS: SPARKS & OPEN FLAME. DO NOT STORE NEAR OXIDIZERS. STORE IN A COOL, DRY PLACE.

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

Boiling Pt:B.P. Text:180F,82C
Vapor Pres:33
Vapor Density:HVR/AIR
Spec Gravity:0.9 (H*2O=1)
pH:NEUT
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:FORMS AN EMULSION.
Appearance and Odor:THIN, CLEAR, AMBER LIQUID WITH PLEASANT ODOR.
Percent Volatiles by Volume:>90

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

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

Waste Disposal Methods:SMALL SPILL: FLUSH DOWN DRAIN WITH PLENTY OF WATER. LARGE SPILL: DISPOSE ABSORBENT MATERIAL IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND

FEDERAL REGULATIONS.

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify a

nd

and assume responsibility for the suitability of this information to their particular situation.