

ALLIED CHEMICAL -- 21815 -- 6810-01-031-5514

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

Product ID:21815
MSDS Date:01/01/1985
FSC:6810
NIIN:01-031-5514
MSDS Number: BGFYF
=== Responsible Party ===
Company Name:ALLIED CHEMICAL
Address:COLUMBIA RD & PARK AVE
Box:1087R
City:MORRISTOWN
State:NJ
ZIP:07960
Country:US
Emergency Phone Num:201-455-3073
CAGE:1L168

=== Contractor Identification ===

Company Name:ALLI
ED CHEMICAL COMPANY
Box:1087R
CAGE:1L168
Company Name:ALLIED-SIGNAL INC
Address:Box:2332R
City:MORRISTOWN
State:NJ
ZIP:07962-2332
Country:US
Phone:201-455-4414
CAGE:1L164
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
Box:City:HIGHLAND
State:CA
ZIP:92346-2640
Country:US
Phone:909-864-2310
CAGE:60777

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 95%
OSHA PE

L:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: IRRITATION.
INHALE: IRRITATION.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE: BURNING, POSSIBLE DAMAGE. SKIN: BURNING.
INHALE: NARCOS, HEADACHE. INGEST: NAUSEA, VOMITING, CNS DEPRESSION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE: IRRIGATE W/WATER FOR 15 MINUTES, CALL A DOCTOR. SKIN: FLUSH W/WATER, REMOVE CONTAMINATED CLOTHING. INHALE: REMOVE TO FRESH AIR, RESTORE/SUPPORT BREATHING IF NEEDED, GIVE OXYGEN IF BREATHING IS DIFFICULT. INGEST: CALL A DOCTOR IMMEDIATELY, DILUTE W/WATER, INDUCE VOMIT IF CONSCIOUS.

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

Flash Point Method:TCC
Flash Point:53F,12C
Lower Limits:2.0
Upper Limits:12
Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE. WATER MAY BE INEFFECTIVE
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSH
Unusual Fire/Explosion Hazard:WATER MAY BE USED TO COOL NEIGHBORING CONTAINERS

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

====

Spill Release Procedures:SMALL: MOP, WIPE OR SOAK UP. PLACE SOAKED WIPING MAT IN METAL CONTAINER & SEAL. LARGE: USE WATER SPRAY TO DISPERS VAPORS & PROTECT ANY TRYING TO STOP LEAK. DIKE UP IF POSSIBLE. USE WATER TO DILUTE SPI LLS TO NON-FLAMMABLE MIXTURES

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

Handling and Storage Precautions:CORRODES RUBBER-USE NEOPRENE AVOID IGNITION SOURCES & HOT SPOTS. USE UNDERWRITER-APPROVED EXPLOSION PROOF ELECTRICAL

SYSTEMS; FORMAL TANK ENTRY PROC.

Other Precautions:AVOID INHALATION OF VAPORS & REPEATED OR PROLONGED CONTACT WITH SKIN OR CLOTHING.DO NOT TAKE INTERNALLY.WASH THOROUGHLY AFTER HANDLING.DO NOT EAT OR SMOKE IN AREAS OF STORAGE OR USE.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS OR AIR-SUPPLIED BREATHING APPARATUS W/FULL FACEPIECE FOR US ABOVE TLV.

Ventilation:TO MAINTAIN VAPOR CONCENTRATION BELOW TLV

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:AS REQUIRED TO AVOID SKIN CONTACT, EYEWASH, SAFETY SHOWER.

Work Hygienic Practices:WASH HAND BEFORE AND AFTER USE.

Supplemental Safety and Health

MATERIAL TO AVOID CONTACT: ACETALDEHYDE, CHLORINE ISOCYANATES, PERCHLORIC ACID, ETHYLENE OXIDE, HYPOCHLOROUS ACID.

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Vapor Pres:33

Vapor Density:2.1

Spe

c Gravity:0.785

Evaporation Rate & Reference:1.6, BU AC=1

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID; SLIGHT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN-PALLADIUM COMBO; NITROFORM, (SEE SUPPLEMENTAL DATA)

Stability Condition to Avoid:EXPOSURE TO OPEN FLAME OR IGNITION SURCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, TOXIC FUMES

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

Waste Disposal Methods:(1)RECLAIM; (2) EVAPORATE WITH AUTHORITY APPROVAL;(3)SEWER WITH AUTHORITY APPROVAL

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