

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:A
LLIED 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

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

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===== 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.

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===== 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.

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===== 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

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===== 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

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

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

CAL 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.

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===== 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.

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

HCC:F2

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

Vapor Pres:33

Vapor Density:2.1

Spec 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

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===== 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 FU

MES.

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

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

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