

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

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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: NARCOSIS, HEADACHE. INGEST: NAUSEA, VOMITING, CNS DEPRESSION.  
Medical Conditions Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE: IRRIGATE WITH WATER FOR 15 MINUTES, CALL A DOCTOR. SKIN: FLUSH WITH 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 WITH 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 =====

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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 SPILLS 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 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.

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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

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

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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 FUMES

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

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

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