

ACHESON COLLOIDS CO DIV OF ACHESON INDUSTRIES INC -- DAG 156 -- 9150-00-926-8963  
===== Product Identification =====

Product ID:DAG 156  
MSDS Date:01/01/1987  
FSC:9150  
NIIN:00-926-8963  
MSDS Number: BFWXL  
=== Responsible Party ===  
Company Name:ACHESON COLLOIDS CO DIV OF ACHESON INDUSTRIES INC  
Address:1600 WASHINGTON AVE  
Box:288  
City:PORT HURON  
State:MI  
ZIP:48060-3456  
Country:US  
Info Phone Num:313-984-5581  
Emergency Phone Num:313-984-5581  
CAGE:70079  
=== Contractor Identification ===  
Company Name:ACHESON COLLOIDS CO DIV OF ACHESON INDUSTRIES INC  
Address:1600 WASHINGTON AVE  
Box:611747  
City:PORT HURON  
State:MI  
ZIP:48061-1747  
Country:US  
Phone:800-255-3924  
CAGE:70079

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 93.0%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Nam

e:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 1.0%  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTOXYETHANOL  
CAS:111-76-2  
RTECS #:KJ8575000  
Fraction by Wt: 1.0%  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:HEXYLENE GLYCOL  
CAS:107-41-5  
RTECS #:SA0810000  
Fraction by Wt: 1.0%  
OSHA PEL:C 25 PPM  
ACGIH TLV:C 25 PPM; 9192

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

Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:YES/CRACKING OR DRYNESS OF SKIN.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE  
EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:  
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOM

ITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:52.0F,11.1C

Lower Limits:2.5

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Exp

losion Hazard:KEEP AWAY FROM SPARKS,OPEN FLAMES OR  
SOURCES OF IGNITION,AVOID STORAGE IN PRESENCE OF OXIDIZERS

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE  
MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND  
RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Stor

age Precautions:STORE IN A COOL, DRY, WELL VENTILATED

AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT  
CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID  
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.  
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUI  
RED

IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK  
CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

AVOID P

ROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:F2  
Boiling Pt:B.P. Text:179F,82C  
Vapor Pres:31  
Spec Gravity:0.7927  
Evaporation Rate & Reference:1.6,BUTYL ACETATE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARK GREY FLUID,ODOR OF ISOPROPANOL  
Percent Volatiles by Volume:96.0

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

Stability Indicator  
/Materials to Avoid:YES  
VERY STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES  
Hazardous Decomposition Products:CO,CO2

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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