

LIQUID RELEASE AGENT

MSDS Number

BKSFC

National Stock Number

6850-00N017119

Product Name

LIQUID RELEASE AGENT

Manufacturer

DEVCON

Product Identification

Product ID: LIQUID RELEASE AGENT

MSDS Date: 12/29/1981

FSC: 6850

NIIN: 00N017119

MSDS Number: BKSFC

Responsible Party

DEVCON

30 ENDICOTT ST

DANVERS, MA 01923

US

Emergency Phone: 617-777-1100

Info Phone: 617-777-1100

Preparer: PAUL BRIGGS

Cage: 16059

Contractor

DEVCON CORP

DANVERS, MA 01923-3753

US

1-508-777-1100

Cage: 16059

Ingredients

12 @20C, VAPOR

Fraction By Weight: 60%

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 35%

OSHA PEL500 PPM/C, 1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:SEE SIGNS/SYMPTOMS
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SKIN:DRYING &/OR MILD IRRIT.
EYE:IRRITANT. INHAL:IRRIT PRLNG INHAL MAY HAVE ANESTHETIC EFTS.
CHLOROCARBON/CHLOROFLUORO CARBON MATL HAVE PROD SENSITIZATION OF
MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT
IN HUMANS. ADRENOMIMETICS (E.G. EPINEPHRINE) MAY CONTRA-INDICATED
EXCEPT (EFTS OF OVEREXPOS).
Explanation of Carcinogenicity:METHYLENE CHLORIDE: GROUP 2B (IARC)
GROUP 2 (NTP).
Effects of Overexposure:HEALTH HAZ:FOR LIFE-SUSTAINING USES IN HUMANS
ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS OR CFC MATERIALS .
MFR LISTS ORAL LD50: 1.6 G/KG FOR METHYLENE CHLORIDE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH WITH CLEAR WATER FOR AT LEAST 15 MINUTES AND CALL A
PHYSICIAN. SKIN:WASH THOROUGHLY WITH SOAP AND WATER. INHAL:REMOVE
TO FRESH AIR. CONTACT A PHYSICIAN IF PROBLEMS PERSIST. INGEST: CALL
MD I MMED .

Fire Fighting

Flash Point:46.0F,7.8C
Lower Limits:SEE ING
Upper Limits:SEE ING
Extinguishing Media:FOAM CO*2, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED PRESSURE DEMANDS SCBA
& FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:METHYLENE CHLORIDE FORMS FLAMMABLE
VAPOR-AIR MIXTURE AT TEMPERATURES ABOVE AMBIENT. THERMAL DECOMP
PRODUCTS MAY INCLUDE HCL AND PHOSGEN .

Accidental Release

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. AVOID SKIN
CONTACT & EXCESSIVE INHALATION OF VAPORS. ABSORB WITH SWEEPING
COMPOUND AND DISPOSE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:FLAMMABLE: KEEP AWAY FROM FIRE OR OPEN
FLAME. STORE IN A COOL, DRY PLACE. AVOID BREATHING VAPORS. USE WITH
ADEQUATE VENTILATION.
Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL
VICINITY OF ARC WELDING, OPEN FLAME OR HOT SURFACES. HEAT AND OR UV
RADIATION MAY CAUSE THE FORMATION OF HCL AND PHOSGENE. .

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .
Ventilation:GENERAL MECHANICAL OR LOCAL DEPENDING ON QUANTITIES USED.
Protective Gloves:RUBBER GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:SEE INGRED
Vapor Pres:SEE INGRED
Vapor Density:SEE INGRED
Spec Gravity:0.866
Evaporation Rate & Reference:SEE INGRED
Solubility in Water:SLIGHT
Appearance and Odor:CLEAR LIQUID, HYDROCARBON ODOR.

Percent Volatiles by Volume:97%

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AMINES, & UNKNOWN METALS

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:HCL, OXIDES OF CARBON, AND VERY SMALL AMOUNTS OF CL*2 AND PHOSGENE.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL, REGULATIONS.

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