

FREEMAN 90-7 BLACK

MSDS Number

BBQDZ

National Stock Number

8010-00F004403

Product Name

FREEMAN 90-7 BLACK

Manufacturer

FREEMAN MFG

Product Identification

Product ID:FREEMAN 90-7 BLACK

MSDS Date:01/01/1987

FSC:8010

NIIN:00F004403

MSDS Number: BBQDZ

Responsible Party

FREEMAN MFG/SUPPLY/CLEVELAND, OH 44102

Emergency Phone: (216) 961-4200

Cage: EO881

Contractor

FREEMAN MFG/SUPPLY/CLEVELAND, OH 44102

AVON, OH 44011

US

440-934-1902

Cage: EO881

Ingredients

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 10 - 20%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 10%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight:

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ACETATE

CAS: 108-21-4

RTECS: AI4930000

Fraction By Weight:

OSHA PEL250 PPM/310 STEL

ACGIH TLV: 250 PPM/310STEL;9192

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 10 - 30%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:INHALATION: HEADACHE/DIZZINESS/STAGGERING
GAIT/CONFUSION/UNCONSCIOUSNESS/COMA. SKIN/EYE:IRRITATION

First Aid

First Aid:REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM/QUIET.
EYES: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH AFFECTED AREAS WITH
WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE
VOMITING. CON SULT A PHYSICIAN.

Fire Fighting

Flash Point:23F (TCC)

Lower Limits:0.9%

Upper Limits:2.0%

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, FOG NOZZLES

Fire Fighting Procedures:WATER WAS INEFFECTIVE. WATER COOL CONTAINERS.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. CLOSED
CONTAINER MAY EXPLODE WHEN EXPOSE TO EXTREME HEAT.

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE
AREA. REMOVE WITH INERT ABSORBENT AND NON-ARKING TOOLS.

Handling

Handling and Storage Precautions:DON'T STORE >120F. STORE LARGE
QUANTITIES IN BLDGS DESIGNED/PROTECTED FOR STORAGE OF NFPA
CLASLIQUID. GROUND CONTAINERS WHEN POURING.

Other Precautions:AVOID FREE FALL OF LIQUID IN EXCESS OF FEW INCHES.
WASH HANDS BEFORE EATING OR USING THE WASHROOMS, SMOKE IN SMOKING

AREAS OY. MSDS DATE: 11 JUN 86.

Exposure Controls

Respiratory Protection: IN CONFINED AREAS USE B OF M APPROVED AIR LINE
TYPE RESPIRATORS.
Ventilation: PROVIDE MECH/LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV
Protective Gloves: NEOPRENE
Eye Protection: GOGGLES
Other Protective Equipment: WEAR IMPERVIOUS CLOTHING/BOOTS TO PREVENT
SKIN CONTACT.
Supplemental Safety and Health
CONTAINS: PRIMARY AMYL ACETATE 15%/VMP 66 15%/N-BUTYL ALCOHOL
ALCOHOL

Chemical Properties

Boiling Pt: B.P. Text: 175-724F
Vapor Density: > 1.0
Spec Gravity: 0.926
Solubility in Water: SLIGHT
Appearance and Odor: BLACK LIQUID, SWEET ODOR.

Stability

Stability Indicator/Materials to Avoid: YES
Stability Condition to Avoid: HIGH TEMPERATURES.
Hazardous Decomposition Products: HAZARDOUS FUMES, ACRID SMOKE, CO, NOX

Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH STATE, LOCAL AND
FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT
INCINERATE CLOSED CONTAINERS. DO NOT APPLY TO HOT SURFACES.

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