

7133 FOREST GREEN H, 8049407

MSDS Number

BSBRL

National Stock Number

7510-00N040749

Product Name

7133 FOREST GREEN H, 8049407

Manufacturer

MARKEM CORP

Product Identification

Product ID:7133 FOREST GREEN H, 8049407

MSDS Date:07/24/1991

FSC:7510

NIIN:00N040749

MSDS Number: BSBRL

Responsible Party

MARKEM CORP

150 CONGRESS ST

KEENE , NH 03431

US

Emergency Phone: 603-352-1130

Info Phone: 603-352-1130

Cage: DO804

Contractor

MARKEM CORPORATION

KEENE, NH 03431

US

603-352-1130

Cage: 38360

Ingredients

ETHANOL, 2-(2-BUTOXYETHOXY)-, ACETATE; (DIETHYLENE GLYCOL

CAS: 124-17-4

RTECS: KJ9275000

Fraction By Weight: 10-25%

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES: MODERATE IRRITATION, REDNESS, TEARING. SKIN: SLIGHT IRRITATION. INHAL: NASAL & RESP IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIB LE UNCONSCIOUSNESS & EVEN DEATH. INGEST: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:NOTES TO PHYSICIAN: CHRONIC OVEREXPOSURE TO DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE IN ANIMALS HAS BEEN

REPORTED TO CAUSE KIDNEY DAMAGE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINUTES. CALL MD IMMED.
SKIN: WASH W/SOAP & WATER FOR AT LEAST 15 MINUTES. GET MED ATTN.
INHAL: REMOVE TO FRESH AIR. ADMIN OXYGEN IF BREATHING IS DIFFICULT.
BEGIN R ESUSCITATION IF BREATHING HAS STOPPED. KEEP PERSON WARM &
QUIET. GET MED ATTN IMMED. INGEST: IF CONSCIOUS, GIVE TWO GLASSES
OF WATER & INDUCE VOMITING. GET MED ATTN IMMED.

Fire Fighting

Flash Point:237F,114C
Extinguishing Media:DRY CHEMICAL, CO*2, ALCOHOL FOAM.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL
ALONG THE GROUND & MAY BE IGNITED AT DISTANT LOCATIONS.

Accidental Release

Spill Release Procedures:ELIM ALL SOURCES OF IGNIT. ABSORB SPILLED MATL
W/VERMICULITE OR FLOOR ABSORB. DISP OF CONTAMD MATLS PROPERLY. USE
SAFTEY GOGGLES/GLASSES W/SIDE SHIELDS, APPROP MASK & GLOVES. REFER
TO OSHA STD: 29CFR PT 1910.120 HAZ WASTE OPS AND EMER RESPONSE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:FOR FLAMMABLE/COMBUSTIBLE PRODUCTS
FOLLOW STORAGE & HANDLING GUIDELINES PRESENTED IN NFPA 30 FLAMMABLE
& COMBUSTIBLE LIQUIDS CODE.
Other Precautions:CNTNRS OF THESE MATLS MAY BE HAZ WHEN EMPTIED, SINCE
EMPTIED CNTNRS RETAIN PROD RESIDUES WHICH CAN GENERATE VAPS W/IN
FLAMMABLE LIMITS. THE USE OF HAZ CHEM MAY REQ SUPPLEMENTAL VENT FOR
PROT OF PERS & FOR CONTROLLING FIRE/EXPLO (SUPP DATA)

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPRVD RESP APPROP FOR EXPOS OF
CONCERN. SUFFICIENT TO MNTN OPERATOR EXPOS BELOW APPLIC OCCUP EXPOS
STDS. ENGINEERING/ADMIN CONTROLS OF NIOSH/MSHA RESPS CAN BE USED TO
REDUCE EXPOS. E NGINNERING CONTROLS ARE PREF BY OSHA.
Ventilation:SUFFICIENT TO MAINTAIN OPERATOR EXPOSURE BELOW APPLICABLE
OCCUPATIONAL EXPOSURE STANDARDS.
Protective Gloves:CHEMICAL RESISTANT GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. GET
MEDICAL ATTENTION.
Supplemental Safety and Health
WASTE DISP METH: MATL HAZARDOUS. CONTACT FED, STATE & LOC AUTHORITIES
FOR DISP INFO. CONSULT 40CFR PART 261 IDENTIFICATION & LISTING OF
HAZARDOUS WASTE. OTHER PRECS: HAZARD. A QUALIFIED INDEPENDENT TE
STING COMPANY CAN DETERMINE IF THE EXISTING CONC ARE WITHIN THE
ESTABLISHED RECOMMENDED/PERMISSIBLE EXPOSURE LEVELS.

Chemical Properties

Vapor Pres:VERY LOW
Evaporation Rate & Reference:VERY SLOW
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIQUID OR SEMI-SOLID INK AS COLOR ABOVE.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES, STRONG MINERAL ACIDS.
Stability Condition to Avoid:HEAT & FLAME.
Hazardous Decomposition Products:CO, CO*2.

Disposal

Waste Disposal Methods: UNDER RESOURCE CONSERVATION & RECOVERY ACT(RCRA), IT IS RESPONSIBILITY OF GENERATOR OF WASTE TO DETERMINE WHETHER WASTE GENERATED MEETS FED, STATE, LOC HAZ WASTE CRITERIA. USES, TRANSFORMATIONS, MIXTURES, PROCESSES, ETC., MAY RENDER RESULTING (SUPPLEMENTARY DATA)

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.