

ICI AMERICAS FILMS DIV -- CHARGE A,PROPELLANT INCREMENT M90:MORTAR (S

MSDS Safety Information

FSC: 1315  
NIIN: 00-883-1472  
MSDS Date: 08/21/1991  
MSDS Num: BPRKW  
Product ID: CHARGE A,PROPELLANT INCREMENT M90:MORTAR (S  
MFN: 01  
Responsible Party  
Cage: 70657  
Name: ICI AMERICAS INC FILMS DIV  
Address: NEW MURPHY RD AND CONCORD PIKE  
City: WILMINGTON DE 19897  
Info Phone Number: 302-8  
86-3000 (TECHNICAL)  
Emergency Phone Number: 800-327-8633 (MEDICAL)  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

Contractor Summary

Cage: 70657  
Name: ICI AMERICAS INC FILMS DIV  
Address: NEW MURPHY RD AND CONCORD PIKE  
City: WILMINGTON DE 19897  
Phone: UNKNOWN

Item Description Information

Item Manager: B14  
Item Name: CHARGE,PROPELLANT INCREMENT  
Unit of Issue: EA  
UI Container Qty: Z

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

Health Hazards Data

LD50 LC50 Mixture: SEE INGREDIENT 1.  
Route Of Entry Inds - Inhalation: YES  
Sk

in: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: NITROGLYCERIN CAN CAUSE ALLERGIC CONTACT DERMATITIS.HYPERTENSION,BLINDNESS,LIVER AND KIDNEY INJURY CAN RESULT AFTER EXTREME NITROGLYCERIN EXPOSURE.  
Explanation Of Carcinogenicity: NONE  
Signs And Symptoms Of Overexposure: HAZARDS ARE FOR NITROGLYCERIN. SKIN IRRITATION, HEADACHE, DECREASED BLOOD PRESSURE & AT HIGH EXPOSURE METHEMOGLOBIN FORMATION. BLOOD CONC OF 15-25% METHEMOGLOBIN CAUSES CYANOSIS,  
EUPHORIA, HEADACHE, LIGHT-HEADEDNESS, ATAXIA, WEAKNESS, RAPID HEARTBEAT, LABORED BREATHING, NAUSEA, VOMITING, MENTAL CONFUSION.  
Medical Cond Aggravated By Exposure: ANEMIA AND GLAUCOMA MAY BE AGGRAVATED BY EXTREME OVEREXPOSURE TO NITROGLYCERIN.  
First Aid: EYES:IMMED FLUSH W/ H<sub>2</sub>O.REMOVE CONT LENSES,CONTINUE FLUSHING FOR AT LEAST 15 MIN.SYMP DEVELOP:GET MED ATTN. SKIN:WASH SKIN/HAIR/NAILS W/ LOTS OF SOAP & H<sub>2</sub>O.REMOVE CONTAM CLTHG/SHOES.GET MED ATTN. IN GEST:DRINK 1-2 GLASS  
ES H<sub>2</sub>O.GET MED ATTN.GIVE NOTHING BY MOUTH IF UNCON. INHAL:MOVE TO FRESH AIR.SYMP DEVELOP:GET MED ATTN.MD NOTE:USE SUPPORTIVE MEASURES-BED REST & OXYGEN INHALATION.(SEE SUPP DATA)

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Handling and Disposal

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Spill Release Procedures: IF BAG OPEN:ELIM ALL IGNIT SOURCES.VENTILATE AREA.WEAR SKIN PROT DURING CLEANUP.CLEAN UP IMMED USING SOFT BRISTLED BRUSH & CONDUCTIVE RUBBER OR PLASTIC SHOVEL.USE EXTREME CAUTION-MATERIAL IS SENSITIVE TO FRICTION,IMPACT & ELECTROSTATIC DISCHARGE.  
Neutralizing Agent: NOT KNOWN  
Waste Disposal Methods: DISP IAW FED,STATE,& LOCAL REG.COORDINATE W/ SUPPORTING INSTALLATION/MACOM ENVIRON OFFICE BEFORE DISP (FP A).EMPTY CONTR MAY RETAIN RESIDUE.OBSERVE ALL PRECAUTIONS.USE EMPTY CONTR ONLY FOR ORIGINAL PRODUCT.DISP EMPTY CLOTH BAGS/CONTRS IAW ARMY REGS.  
Handling And Storage Precautions: EXPLOSIVE,UNSTABLE,FLAMMABLE SOLID.FOLLOW

ARMY REGS FOR HANDLING & STORAGE.OPEN CONTRS IN WELL-VENT AREA,ALLOW ACCUM VAPORS TO ESCAPE PRIOR TO HNDLG.  
Other Precautions: PREVENT SKIN CONTACT WITH BAG CONTENTS.AVOID BREATHING DUSTS.

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Fire and Explosion Hazard Information

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Extinguishing Media: DELUGE WITH WATER.ALL MATERIAL MAY BE CONSUMED BEFORE FIRE EXTINGUISHED UNLESS LARGE QITIES OF WATER USED VERY QUICKLY.  
Fire Fi

ighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR (FP A).EVACUATE THE AREA.

Unusual Fire/Explosion Hazard: EXPLOSIVE TEMPERATURE:500F,260C (5 SECONDS).EASILY IGNITED,HIGHLY COMBUSTIBLE EXPLOSIVE.

Control Measures

Respiratory Protection: MSHA-NIOSH APPROVED POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR PROVIDES THE BEST PROTECTION.

Ventilation: U

SE LOCAL EXHAUST IF NEEDED TO KEEP EXPOSURES TO A MINIMUM.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL SAFETY GOGGLES (FP A).

Other Protective Equipment: IMPERVIOUS COVERALLS & APRON.EYEWASH FACILITIES AS NEEDED.

Work Hygienic Practices: WASH CONTAM CLTHG & DECONTAMINATE SHOES BEFORE REUSE.SHOWER THOROUGHLY AT END OF WORK SHIFT.WASH WORK CLOTHES DAILY.

Supplemental Safety and Health: TRADE NAME:CARTRIDGE 81MM.PART NO:8881021.SPEC GRAV:1.69 (PROPELLENT M9).FIRST AID PROC:DO NOT A

DMINISTER ALCOHOL IN ANY

FORM.IF CYANOSIS IS SEVERE,MAY BE HELPFUL TO ADMINISTER 1% METHYLENE BLUE,1-2 M G/KG BODY WT OVER 5-MIN INTERVALS.REPEAT AFTER 1 HOUR IF NEC,DO NOT EXCEED 7 MG/KG TOTAL DOSE.

Physical/Chemical Properties

M.P/F.P Text: NOT KNOWN

Decomp Text: NOT KNOWN

Vapor Pres: SEE ING 1

Vapor Density: SEE ING 1

Spec Gravity: SEE SUPP

Evaporation Rate & Reference: N  
OT KNOWN

Solubility in Water: NEGLIGIBLE

Appearance and Odor: SEWN CLOTH BAGS CONTAINING PROPELLENT.

Percent Volatiles by Volume: NEGLIG

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: STABLE UNDER NORMAL CONDITIONS.

Materials To Avoid: ACIDS AND BASES.

Hazardous Decomposition Products: COMBUSTION PRODUCTS:CARBON DIOXIDE,CARBON MONOXIDE,NITROGEN OXIDES.

Hazard

ous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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HAZCOM Label

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Product ID: CHARGE A,PROPELLANT INCREMENT M90:MORTAR (S  
Cage: 70657

Company Name: ICI AMERICAS INC FILMS DI  
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Street: NEW MURPHY RD AND CONCORD PIKE

City: WILMINGTON DE

Zipcode: 19897

Health Emergency Phone: 800-327-8633 (MEDICAL)

Label Required IND: Y

Date Of Label Review: 04/29/1992

Status Code: C

MFG Label NO: NOT KNOWN

Label Date: 04/29/1992

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: EASILY IGNITED,HIGHLY COMB

UNSTABLE EXPLOSIVE. MATERIAL IS SENSITIVE TO FRICTION, IMPACT AND ELECTROSTATIC DISCHARGE. KEEP AWAY FROM HEAT, SPARKS, AND FLAME. NO HEALTH HAZARDS EXPECTED WITH GOOD INDUSTRIAL HYGIENE HOWEVER OPEN BAG WITH EXPOSURE TO NITROGLYCERIN RESULTS IN THE FOLLOWING EFFECTS. SKIN: IRRITATION. SKIN ABSORPTION/INGESTION/INHALATION: HEADACHE, METHEMOGLOBIN FORMATION WITH CYANOSIS, LIGHT-HEADEDNESS, RAPID HEARTBEAT, LABORED BREATHING, NAUSEA, VOMITING, MENTAL CONFUSION. CHRONIC: EXTREME EXPOSURE TO NITROGLYCERIN CAN CAUSE ALLERGIC CONTACT DERMATITIS, HYPERTENSION, BLINDNESS, LIVER AND KIDNEY INJURY .

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