

MILLER CHEMICAL AND FERTILIZER CORP -- GR-941 -- 8040-00-200-3793

===== Product Identification =====

Product ID:GR-941

MSDS Date:01/01/1987

FSC:8040

NIIN:00-200-3793

MSDS Number: BDJGF

=== Responsible Party ===

Company Name:MILLER CHEMICAL AND FERTILIZER CORP

Address:RADIO RD OFF RTE 94

Box:333

City:HANOVER

State:PA

ZIP:17331

Country:US

Emergency Phone Num:201-862-5600

CAGE:29057

=== Contractor I

dentification ===

Company Name:MILITARY SPECIFICATIONS PROMULGATED BY MILITARY

Address:DEPTS/AGENCIES UNDER AUTH OF DEF STD

Box:MANUAL

City:4120 3-M

Phone:804-279-4371 DSN 695-4371

CAGE:81349

Company Name:MILLER CHEMICAL AND FERTILIZER CORP

Address:RADIO RD OFF RTE 94

Box:333

City:HANOVER

State:PA

ZIP:17331

Country:US

CAGE:29057

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

===== Hazards Identifi

cation =====

Effects of Overexposure:IRRITATING TO ALL PARTS OF RESPIRATORY TRACT.BOTH LIQUID STYRENE AND VAPOR CAN BE EXTREMELY IRRITATI

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

First Aid:INHALATION:MOVE SUBJECT TO FRESH AIR,KEEP WARM,GIVE OXYGEN OR ARTIFICIAL RESP. AS REQUIRED.SKIN CONTACT:WASH W/SOAP & WATER.EYES:FLUSH PROMPTLY WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES AND CONSULT PHYS.INGESTION:CONSULT MD. PROMPTLY.

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

Flash Point:PMCC 90F 32.1C

Lower Limits:1.1

Upper Limits:6.1

Extinguishing Media:DRY POWDER,FOAM,CARBON DIOXIDE

Fire Fighting Procedures:EXTINGUISH FLAME FROM PERIMETER INWARD TOWARD MAIN BODY OF F

Unusual Fire/Explosion Hazard:POLYESTERS UNDERGO EXOTHERMIC POLYMERIZATION.IF A CLOSED DRUM IS CAUGHT IN A FIRE VIOLENT RUPTURE MA

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

Spill Release Procedures:R

REMOVE SATURATED CLOTHING AND WASH AFFECTED AREAS WITH SOAP & WATER.REMOVE SOURCES OF IGNITION (FLAMES,HOT SURFACES,ELECTRICAL STATIC,FRICITION SPARKS).VENTILATE AREA.USE MEASURES OUTLINED IN SECTION V III.ABSORB WITH INERT MATERIAL(E.G. VERMICULITE)

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

Handling and Storage Precautions:STORE AND HANDLE AS NATIONAL FIRE PROTECTIVE ASSOC.CLASS 1-C FLAMMABLE LIQUID.STORE BELOW 27C (80F) IN A CLOSED CONTAINER AN

D DRY AREA TO AVOID SPOI

Other Precautions:IN BULK STORAGE,CHECK BY THE FORMATION OF POLYMER.GROUND ALL CONNECTIONS,ETC.WHEN USING.

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

Respiratory Protection:UP TO 100PPM-NONE 100 PPM AND ABOVE-SELF CONTAINED APPARATUS

Ventilation:YES-LOCAL AND MECHANICAL TO COMPLY TO SEC. II AND IV.

Protective Gloves:NEOPRENE OR NON

Eye Protection:SAFETY GLASSES TO PROTECT

Other Protective Equipment:PROTECTIVE CLOTHING TO MINIMIZE SKIN

CONTACT.SAFETY SHOWERS

Supplemental Safety and Health

IRRITATING TO ALL PARTS OF RESPIRATORY TRACT.BOTH LIQUID STYRENE AND VAPOR CAN BE EXTREMELY IRRITATING TO EYES.LIQUID CONTACT WITH SKIN MAY CAUSE MODERATE IRRITATION.

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

HCC:F3

Boiling Pt:B.P. Text:>150F>65C

Vapor Pres:5.2

Vapor Density:3.6

Spec Gravity:1.1

Solubility in Water:INSOLUBLE

Appearance and Odor:VISCOUS LIQUID WITH SHARP ODOR (STYRENE)

Percent Volatiles

by Volume:35

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,PEROXIDES AND OTHER OXIDIZING AGENTS.

Stability Condition to Avoid:SUNLIGHT,OPEN FLAMES, CONTAMINATION AND PROLONG STORAGE ABOV

Hazardous Decomposition Products:CARBON MONOXIDE AND DIOXIDE,LOW MOLECULAR WGT.HYDROCARBONS A

Conditions to Avoid Polymerization:SUNLIGHT,OPEN FLAMES,CONTAMINATION AND PROLONGED STORAGE AB

===== Disposal

Considerations =====

Waste Disposal Methods:RESIN MIXED WITH PEROXIDE INITATORS BEFORE SPILL,SHOULD BE MIXED WITH INERT FILLER AND REMOVE TO OPEN AREA.ALLOW TIME TO GEL CURE.USE SANITARY LANDFILL OR INCINERATION.DO NOT INCINERATE CLOSED CONTAIN ERS.DISPOSAL MUST BE CARRIED OUT IN ACCORDANCE WIT

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