DIAMOND R SPRAY ADJUVANT

IDENTITY (As Used on Label and List): Spray Adjuvant

SECTION I

MANUFACTURER'S NAME: DIAMOND R FERTILIZER
4100 GLADES RD.
FT. PIERCE, FL 34981
EMERGENCY TELEPHONE NUMBER: POISON CONTROL 1-800-282-3171
TELEPHONE NUMBER FOR INFORMATION: 1-800-330-9300
DATE PREPARED: 7/15/94

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components
(Specific Chemical Identity; Common Name(s)) OSHA ACGIH Other Limits %

Highly refined paraffinic oil (Mist) 5mg/m^3
(CAS #64742-56-9)
Polyoxyethylene sorbitan fatty ester

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 282 deg C
VAPOR PRESSURE (mm Hg.): <0.01 mm Hg @ 20 deg C
VAPOR DENSITY (AIR = 1): >5
SPECIFIC GRAVITY (H_2O = 1): 0.8591
MELTING POINT: N/A
EVAPORATION RATE (Butyl Acetate = 1): <0.01
SOLUBILITY IN WATER At 1 ATM and 25 deg C: Slight
APPEARANCE AND ODOR: Clear to light amber liquid with a petroleum odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 182 deg C, Cleveland Open Cup
FLAMMABLE LIMITS:
LEL: N/A
UEL: N/A
EXTINGUISHING MEDIA: Dry chemical, CO_2, water spray or standard foam.
SPECIAL FIRE FIGHTING PROCEDURES: Use full protective equipment and SCBA; spray fogs are preferred over high pressure directed stream.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Fight fire from maximum distance and up wind. Evacuate downwind. Dike area to prevent runoff. Minimize breathing vapors or fumes.
SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Intense heat and sources of ignition.
INCOMPATIBILITY (Materials to Avoid): None known.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide and aldehydes.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Contact with strong oxidizers such as liquid chlorine, oxygen or bleach.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: LIMITS
INHALATION? 5 mg/m³
SKIN? <LD₅₀ 2000 mg/kg
INGESTION? Harmful or fatal if swallowed

HEALTH HAZARDS (Acute and Chronic): Excessive exposure may cause irritation to eyes, nose & throat. Prolonged or repeated skin contact may cause irritation. Pulmonary aspiration hazard if swallowed and vomiting occurs - can cause severe lung damage.

CARCINOGENICITY: Not at this time.
NTP? N/A
IARC MONOGRAPHS? N/A
OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE: Variability among individuals.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None recognized.

EMERGENCY AND FIRST AID PROCEDURES:
EYE: Flush with water
SKIN: Wash with soap and water
INGESTION: Do not induce vomiting or give liquids.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Contain spill. Use PPE and advice EPA and state agency if required. Take up with sand or other absorbant material. Shovel, sweep, or vacuum spill.

WASTE DISPOSAL METHOD: Triple rinse, or equivalent, jugs or drums. Dispose in accordance with Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NFPA Class III B Storage. Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling. Use explosion proof equipment when transferring from containers. Avoid contact with eyes.

OTHER PRECAUTIONS: Do not siphon by mouth. Wash thoroughly after handling. Use caution to avoid contact with eyes.
SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type): Under normal working conditions no respiratory protection required.

VENTILATION:
  LOCAL EXHAUST:
  MECHANICAL (General): Recommended in closed areas.
  SPECIAL:
  OTHER:

PROTECTIVE GLOVES: PVC, nitrile or neoprene
EYE PROTECTION: Splash proof goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK/HYGIENIC PRACTICES: Safety shower and eyewash should be available. Launder soiled clothing.

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COMPAS Code: 22590041