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Material Safety Data Sheet

Formosul

1. Product Identification

Product ID:87384, SODIUM FORMALDEHYDE SULFOXYLATE

Date:09/17/2010

FSC:6810

NIIN:OON084181

Emergency Telephone Numbers:

800-255-3924 ChemTel. (United States)

+ 1 01 813-248-0585 (Outside the United States)

2. Composition/Information on Ingredients

Ingred Name:METHANESULFINIC ACID, HYDROXY-, MONOSODIUM SALT, DIHYDRATE
 (SODIUM FORMALDEHYDESULFOXYLATE DIHYDRATE, 98%)

CAS:603S-47-8

RTECS #:PB0390000

Fraction by Wt: 98%

OSHA PEL:N/K

ACGIH TLV:N/K

3. Hazards Identification

LDSO LCSO Mixture: NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic: ACUTE: THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN INVESTIGATED. USE APPROPRIATE PROCEDURES TO PREVENT OPPORTUNITIES FOR DIRECT CONTACT WITH THE SKIN OR EYES AND TO PREVENT INHALATION.

Explanation of Carcinogenicity: NOT RELEVANT.

Effects of Overexposure: SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

4. First Aid Measures

First Aid:

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR @ LST 15 MINS, OCCASIONALLY LIFTING UPPER & LOWER LIDS.

SKIN: FLUSH WITH PLENTY OF SOAP & WATER FOR @ LST 15 MINS WHILE REMOVING CONTAMINATED CLOTHING & SHOES.

INGEST: DO NOT INDUCE VOMIT. ALLOW VICTIM TO RINSE MOUTH & THEN TO DRINK 2-4 CUPFULS OF WATER, AND SEEK MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

5. Fire Fighting Measures

Extinguishing Media: USE WATER, DRY CHEMICAL, CHEMICAL FOAM, OR ALCOHOL-RESISTANT FOAM.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

6. Accidental Release Measures

Spill Release Procedures: CLEAN UP SPILLS IMMEDIATELY, OBSERVING PRECAUTIONS IN PROTECTIVE EQUIPMENT SECTION. SWEEP UP, THEN PLACE INTO SUITABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

7. Handling and Storage

Handling and Storage Precautions: STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID INGESTION AND INHALATION.

8. Exposure Controls/Personal Protection

Respiratory Protection: WEAR A NIOSH APPRVD (OR EQUIVALENT) FULL-FACEPIECE AIRLINE RESPIRATOR IN THE POSITIVE PRESSURE MODE WITH EMERGENCY ESCAPE PROVISIONS.

Ventilation: USE ADEQ GEN/LOC EXHAUST VENT TO KEEP AIRBORNE CONCS BELOW PERMISSIBLE EXPOSURE LIMITS. USE PROCESS ENCLOSURE, (SUPDAT)

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES.

Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER. WEAR APPROP PROT CLTHG TO MINIMIZE CONTACT WITH SKIN.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Supplemental Safety and Health: MFR TRADE NAME/PART NO: DIHYDRATE, 98%. VENT: LOC EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS.

9. Physical/Chemical Properties

Evaporation Rate & Reference: NOT KNOWN

Solubility in Water: FREELY SOLUBLE

Appearance and Odor: WHITE CRYSTALLINE POWDER.

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
INCOMPATIBLE MATERIALS, STRONG OXIDANTS.

Stability Condition to Avoid: INCOMPATIBLE MATERIALS, STRONG OXIDANTS.

Hazardous Decomposition Products: NITROGEN OXIDES, CARBON MONOXIDE,

10. Disposal Considerations

Waste Disposal Methods :DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Disclaimer: All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable: However, it is the users responsibility to determine the safety, toxicity, and suitability for its own use of this product.

The manufacturer does not assume any liability arising out of the use by others of this product.