

ACID SURROGATE STANDARD MIX(4/89), 31087-500

MSDS Number

BSCMC

National Stock Number

6850-00N044966

Product Name

ACID SURROGATE STANDARD MIX(4/89), 31087-500

Manufacturer

RESTEK CORP

Product Identification

Product ID:ACID SURROGATE STANDARD MIX(4/89), 31087-500

MSDS Date:09/30/1992

FSC:6850

NIIN:00N044966

MSDS Number: BSCMC

Responsible Party

RESTEK CORP

110 BENNER CIRCLE

BELLEFONTE , PA 16823-8812

US

Emergency Phone: 814-353-1300

Info Phone: 814-353-1300

Cage: 0JL17

Contractor

RESTEK CORP

BELLEFONTE, PA 16823-8812

US

814-353-1300

Cage: 0JL17

Ingredients

METHANOL; (METHYL ALCOHOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 97%

OSHA PEL200 PPM;250 STEL, S

ACGIH TLV: 200 PPM;250 STEL, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PHENOL-D6

CAS: 13127-88-3

Fraction By Weight: 1%

OSHA PELN/K

ACGIH TLV: N/K

PHENOL, O-FLUORO-; (2-FLUOROPHENOL)

CAS: 367-12-4

RTECS: SL4530000

Fraction By Weight: 1%

OSHA PELN/K

ACGIH TLV: N/K

PHENOL, 2,4,6-TRIBROMO; (2,4,6-TRIBROMOPHENOL)

CAS: 118-79-6

RTECS: SN1225000

Fraction By Weight: 1%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:IRRITANT, HEADACHE, FATIGUE, DILATED PUPILS, VISUAL DISTURBANCE, BLINDNESS, SHALLOW RESPIRATION, RESPIRATORY FAILURE, CYANOSIS, CONVULSIONS, COMA, HYPOTENSION, DEATH. CHRONIC:POSITIVE MUTAGEN. G ASTRO-INTESTINAL, LIVER, KIDNEY & CARDIOVASCULAR SYSTEM INJURY, VISUAL IMPAIRMENT, DERMATITIS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:NAUSEA, DROWSINESS, INTOXICATION, SEVERE DEPRESSION, HEADACHE, VISUAL DISTURBANCE LEADING TO BLINDNESS, COUGHING, SHORTNESS OF BREATH; BURNING, ITCHING, REDNESS OR BLISTERS ON SKIN; BURNING, WATERING, SWELLING & REDNESS IN EYES.

Medical Cond Aggravated by Exposure:DERMATITIS, DISEASES OF EYES, LIVER, KIDNEYS, LUNGS & CARDIOVASCULAR.

First Aid

First Aid:EYES:REMOVE CONTACT LENSES IF PRESENT. HOLD EYELIDS OPEN & IRRIGATE W/LG VOL OF WATER FOR AT LST 15 MINS. SEEK MED TREATMENT. SKIN:IMMED WASH W/SOAP & WATER. CONTINUE RINSING W/LG VOL OF WATER FOR 15 MIN. REMOVE CONTAM CLTHG. INHAL:REMOVE TO FRESH AIR. HAVE TRAINED PERS ADMIN OXYGEN & CPR IF NEEDED. SEEK MED TREATMENT. INGEST:DRINK LG VOLS OF WATER, THEN INDUCE VOMIT. DO NOT ATTEMPT TO (SUPDAT)

Fire Fighting

Flash Point:51.8F,11.0C

Lower Limits:6.7%

Upper Limits:36.5%

Extinguishing Media:DRY CHEMICAL, CO*2, HALON, ALCOHOL FOAM, WATER MIST OR FOG.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP . HEAT MAY BUILD PRESSURE & RUPTURE CLOSED STORAGE CNTNRS. KEEP FIRE-EXPOS CNTNRS COOL W/WATER SPRAY.

Unusual Fire/Explosion Hazard:MAY FORM EXPLOSIVE VAPOR/AIR MIXTURES. INCOMPLETE COMBUSTION MAY GENERATE TOXIC VAPORS.

Accidental Release

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. ABSORB SMALL SPILLS ON PAPER, VERMICULITE OR OTHER ABSORBENT. COLLECT & STORE IN CLOSED CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID ALL INHALATION & CONTACT. KEEP IN A TIGHTLY CLOSED CONTAINER AT ALL TIMES. HANDLE W/UTMOST CARE. STORE IN AN EXPLOSION PROOF REFRIGERATOR AT 4C.
Other Precautions:THIS PRODUCT IS FURNISHED FOR LABORATORY USE ONLY! OUR STANDARDS MAY NOT BE USED AS DRUGS, COSMETICS, AGRICULTURAL OR PESITICAL PRODUCTS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMICALS.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR W/ORGANIC VAPOR CARTRIDGE.
Ventilation:USE IN AN AREA PROVIDED W/GENERAL & LOCAL EXHAUST VENTILATION MEETING OSHA REQUIREMENTS.
Protective Gloves:SOLVENT RESISTANT GLOVES, BUTYL (SUPDAT)
Eye Protection:ANSI APPROVED SAFETY GOGGLES (SUPP DATA)
Other Protective Equipment:EMERGENCY EYE WASH & DELUGE SHOWER .
PROTECTIVE CLOTHING MEETING LABORATORY SAFETY REQUIREMENTS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
FIRST AID PROC:GIVE FLUIDS/INDUCE VOMIT IF PERSON IS UNCONSCIOUS.
CONTACT POISON CONTROL CENTER. PROT GLOVES:RUBBER, VITION OR EQUIVALENT. EYE PROTECTION: WITH FULL LENGTH FACESHIELD .

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:149F,65C
Vapor Pres:97 @ 20C
Spec Gravity:0.791
Solubility in Water:MISCIBLE
Appearance and Odor:COLORLESS; ALCOHOL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, REDUCING AGENTS, REACTIVE METALS.
Stability Condition to Avoid:HEAT, CONTACT W/IGNITION SOURCES.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:INCINERATE AT AN APPROVED FACILITY I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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