

MODIFIED OXIDES OF NITROGEN-III (MON-III)

MSDS Number

BJDGW

National Stock Number

9135-01-146-5134

Product Name

MODIFIED OXIDES OF NITROGEN-III (MON-III)

Manufacturer

VICKSBURG CHEMICAL CO

Product Identification

Product ID:MODIFIED OXIDES OF NITROGEN-III (MON-III)

MSDS Date:01/26/1993

FSC:9135

NIIN:01-146-5134

MSDS Number: BJDGW

Responsible Party

VICKSBURG CHEMICAL CO

VICKSBURG , MS 39182-1003

US

Emergency Phone: 800-424-9300

Info Phone: 601-636-1231

Preparer: DAVID GREEN

Cage: GO313

Contractor

VICKSBURG CHEMICAL CO

821003

VICKSBURG, MS 39182-1003

US

601-636-1231

Cage: GO313

Ingredients

NITROGEN TETROXIDE

CAS: 10544-72-6

RTECS: QX1575000

Fraction By Weight: 97-97.5%

OSHA PEL1 PPM

ACGIH TLV: 3 PPM

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

NITROUS OXIDE, NITROGEN OXIDE, NITROGEN MONOXIDE

CAS: 10024-97-2

RTECS: QX1350000

Fraction By Weight: 2.5-3%

ACGIH TLV: 25 PPM

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 0.17%

CHLORINE (SARA III)

CAS: 7782-50-5

RTECS: FO2100000

Fraction By Weight: 0.04%

OSHA PEL(C) 1 PPM

ACGIH TLV: 0.5 PPM/1 STEL; 9293

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

PARTICULATES

Fraction By Weight: 10% MG/L

ACGIH TLV: 10 PPM

IRON

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 0.5% PPM

Hazards

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

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

Health Hazards Acute and Chronic:INGESTION: HIGH TOXICITY, HIGHLY CORROSIVE TO TISSUE/TOXIC/FATAL. EYES: IRRITATION/HIGHLY CORROSIVE. SKIN: HIGHLY CORROSIVE/SERIOUS BURNS/YELLOW STAINING. INHALATION: HIGHLY CORROSIVE/PULMONARY DAMAGE /EDEMA/BURNS TO TISSUE/HIGH TOXICITY/BURNS TO TISSUE/PULMONARY TRACT. CORROSIVE TO TEETH. MUCOUS MEMBRANE IRRITANT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: FATAL. EYES: PERMENANT INJURY.

INHALATION: PULMONARY & EDEMA DAMAGE. FATAL.

Medical Cond Aggravated by Exposure:EMPHYSEMA

First Aid

First Aid:INGESTION: GIVE PLENTY OF WATER. DON'T INDUCE VOMITING. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 30 MINS. SKIN: WASH W/SOAP & WATER FOR AT LEAST 15 MINS, WHILE REMOVEING CLOTHING. INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING STOPS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NON-FLAMMABLE

Fire Fighting Procedures:WEAR SELF-CONTAINED AIR SUPPLY & RESISTANT CLOTHING.

Unusual Fire/Explosion Hazard:POWERFUL OXIDIZER. WILL INCREASE INTENSITY OF FIRE THOUGH IT IS NOT FLAMMABLE ITSELF. MAY INCREASE RISK OF EXPLOSION.

Accidental Release

Spill Release Procedures:EVACUATE PERSONNEL UPWIND. USE PROPER SAFETY EQUIPMENT. CONTAIN MATERIAL. FLUSH W/WATER & NEUTRALIZE. KEEP OUT OF LAKES OR STREAMS. PRODUCT WILL EVAPORATE IF TEMPERATURE IS >70F. NEUTRALIZE LIQUID RES IDUE W/DILUTE INORGANIC BASE SOLUTION &DISPOSE.

Neutralizing Agent:SODIUM CARBONATE OR LIME, SODIUM HYDROXIDE

Handling

Handling and Storage Precautions:AVOID CONTACT W/SKIN, EYES, & CLOTHING. AVOID BREATHING DUSTS. AVOID CONTACT W/WATER, BASES, OR ORGANIC MATERIAL. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:WEAR SELF-CONTAINED AIR SUPPLY OR FULL FACE RESPIRATOR.

Ventilation:REQUIRED

Protective Gloves:ACID RESISTANT

Eye Protection:FULL FACE SHIELD

Other Protective Equipment:ACID RESISTANT CLOTHING

Work Hygienic Practices:SHOWER AFTER HANDLING. REMOVE/LAUNDER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

Chemical Properties

HCC:G7

Boiling Pt:B.P. Text:70F

Melt/Freeze Pt:M.P/F.P Text:11.8F

Vapor Pres:17.7

Vapor Density:1.56

Spec Gravity:1.49

Solubility in Water:COMPLETE

Appearance and Odor:GREENISH BROWN LIQUID W/ACIDIC ODOR

Stability

Stability Indicator/Materials to Avoid:YES

BASES, MOST METALS & ORGANICS, WATER

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:NOXIOUS FUMES, OXIDES OF NITROGEN

Disposal

Waste Disposal Methods:DISPOSE OF AWAY FROM STREAMS & WATER IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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