
MODIFIED OXIDES OF NITROGEN-III (MON-III)

MSDS Number

BJCSC

National Stock Number

9135-01-146-5135

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:01-146-5135

MSDS Number: BJCSC

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. EYE: 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: PERMANENT 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 REMOVING 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 RESIDUE W/DILUTE INORGANIC BASE SOLUTION & DISPOSE.

Neutralizing Agent: SODIUM CARBONATE OR LIME, SODIUM HYDROXIDE

Handling

Handling and Storage Precautions: AVOID CONTACT W/SKIN, CLOTHING, & EYES.

Other Precautions: 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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