

VICKSBURG CHEMICAL CO -- MODIFIED OXIDES OF NITROGEN-III (MON-III) -- 9135-01-146-5135

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Product Identification
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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 ===

Company Name:VICKSBURG CHEMICAL CO

Box:821003

City:VICKSBURG

State:MS

ZIP:39182-1003

Country:US

Info Phone Num:601-636-1231

Emergenc

y Phone Num:800-424-9300

Preparer's Name:DAVID GREEN

CAGE:GO313

=== Contractor Identification ===

Company Name:VICKSBURG CHEMICAL CO

Address:4280 RIFLE RANGE ROAD

Box:821003

City:VICKSBURG

State:MS

ZIP:39182

Country:US

Phone:(601) 636-1232

CAGE:1K447

Company Name:VICKSBURG CHEMICAL CO

Address:4280 RIFLE RANGE RD

Box:821003

City:VICKSBURG

State:MS

ZIP:39182-1003

Country:US

Phone:601-636-1231

CAGE:GO313

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Composition/Information on Ingredients
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Ingred Name:NITROGEN TET

ROXIDE
CAS:10544-72-6
RTECS #:QX1575000
Fraction by Wt: 97-97.5%
OSHA PEL:1 PPM
ACGIH TLV:3 PPM
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:NITROUS OXIDE, NITROGEN OXIDE, NITROGEN MONOXIDE
CAS:10024-97-2
RTECS #:QX1350000
Fraction by Wt: 2.5-3%
Other REC Limits:50 PPM
ACGIH TLV:25 PPM

Ingred Name:WATER, H2O
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0.17%

Ingred Name:CHLORINE (SARA III)
CAS:7782-50-5
RTECS #:FO2100000
Fraction by Wt: 0.04%
Other REC Limits:0.5 PPM
OSHA PEL:(C) 1 P
PM
ACGIH TLV:0.5 PPM/1 STEL; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:PARTICULATES
Fraction by Wt: 10% MG/L
ACGIH TLV:10 PPM

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 0.5% PPM

===== Hazards Identification =====

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. E

YE: 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

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First Aid Measures

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.

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Fire Fighting Measures

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.

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Accidental Release Measures

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 LI

QUID RES IDUE W/DILUTE INORGANIC BASE SOLUTION &DISPOSE.

Neutralizing Agent:SODIUM CARBONATE OR LIME, SODIUM HYDROXIDE

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Handling and Storage

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.

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Exposure Controls/Personal Protection

Respiratory Protection:WEAR SELF-C

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

===== Physical/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

Solu

bility in Water:COMPLETE

Appearance and Odor:GREENISH BROWN LIQUID W/ACIDIC ODOR

===== Stability and Reactivity Data =====

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 Considerations =====

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

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particular situation.