

VICKSBURG CHEMICAL CO -- MODIFIED OXIDES OF NITROGEN-I (MON-I) -- 9135-01-013-8569

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Product Identification
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Product ID:MODIFIED OXIDES OF NITROGEN-I (MON-I)

MSDS Date:01/26/1993

FSC:9135

NIIN:01-013-8569

MSDS Number: BGDJN

=== Responsible Party ===

Company Name:VICKSBURG CHEMICAL CO

Box:821003

City:VICKSBURG

State:MS

ZIP:39182-1003

Country:US

Info Phone Num:601-636-1231

Emergency 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 TETROXIDE

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AS:10544-72-6
RTECS #:QX1575000
Fraction by Wt: 99-99.4%
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: 0.6-1%
Other REC Limits:50 PPM
OSHA PEL:25 PPM
ACGIH TLV:1050 MG/CUM

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazard

s Acute and Chronic:INGESTION: HIGH TOXICITY, HIGHLY
CORROSIVE TO TISSUE, TOXIC & MAY BE FATAL. EYES: IRRITATION, HIGHLY
CORROSIVE. SKIN: HIGHLY CORROSIVE, SERIOUS BURNS, & YELLOW
STAINING. INHALATION: HIGHLY CORROSIVE, BURNS TO TISSUE, PULMONARY
TRACT. CORROSIVE TO TEETH. MUCOUS MEMBRANE IRRITANT. HIGHLY TOXIC.

Explanation of Carcinogenicity:NONE

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

INHALATION: PULMONARY & EDEMA DAMAGE, FATAL.

Medical Cond Aggra

vated by Exposure:EMPHYSEMA

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===== First Aid Measures =====
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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. INHALATION: REMOVE TO FRESH AIR.
ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING STOPS. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

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===== Fire Fighting Measures =====
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Flash Point:NON-FLAMMA

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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 Measures =====

Spill Release Procedures:EVACUATE PERSONNEL UPWIND. USE PROPER SAFETY EQUIPMENT. CONTAIN MATERIAL. FLUSH W/WATER & NEUTRALIZE. KEEP OUT OF LAKES OR STREAMS. NEUTRALIZE LIQUID RESIDUE W/DILUTE INORGANIC BASE SOLUTION & DISPOSE .

Neutralizing Agent:SODIUM CARBONATE, LIME, OR SODIUM HYDROXIDE

===== 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 OR REACH OF CHILDREN.

===== Exposure Controls/Personal Protection =====

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

===== 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:1.58

Spec Gravity:1.49

Solubility in Water

r: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:PRODUCT WILL EVAPORATE IF TEMPERATURE IS ABOVE
70F. DISPOSE OF AWAY FROM STREAMS
& WATER IN ACCORDANCE W/FEDERAL,
STATE & LOCAL REGULATIONS.

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