

VICKSBURG CHEMICAL CO -- MODIFIED OXIDES OF NITROGEN-I (MON-I) -- 9135-00-926-2165

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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:00-926-2165

MSDS Number: BFWVC

=== 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  
ACGIH TLV:25 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: HIGHLY CORROSIVE, HIGH  
TOXICITY, IRRITATION TO TISSUE. EYES: HIGHLY CORROSIVE. SKIN:  
HIGHLY CORROSIVE, SERIOUS BURNS, & YELLOW STAINING. INHALATION:  
HIGHLY CORROSIVE, BURNS TO TISSUE, & HIGH TOXICITY, BURNS TO  
TISSUE & PULMONARYTRACT. 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:E  
MPHYSEMA

===== 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.

===== 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.

===== 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, OR EYES.

Other Precautions:AVOID BREATHING DUSTS. AVOID CONTACT W/WATER, BASES OR ORGANIC MATERIAL. KEEP OUT OF 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

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: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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