

NORTHERN INSTRUMENTS CORP -- VC 1-1, ZERUST VAPOR CAPSULE -- 6850-01-338-1393

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Product Identification
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Product ID:VC 1-1, ZERUST VAPOR CAPSULE
MSDS Date:08/01/1993
FSC:6850
NIIN:01-338-1393
MSDS Number: BMWMN
=== Responsible Party ===
Company Name:NORTHERN INSTRUMENTS CORP
Address:6680 HWY 49N
City:LINO LAKES
State:MN
ZIP:55118
Country:US
Info Phone Num:612-784-1250
Emergency Phone Num:
800-228-5635
CAGE:56758
=== Contractor Identification ===
Company Name:NORTHERN TECHNOLOGIES INTERNATIONAL CORP
Address:6680 HWY 49N
Box:City:SHOREVIEW
State:MN
ZIP:55126
Country:US
Phone:612-784-1250
CAGE:56758

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Composition/Information on Ingredients
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Ingred Name:NITROUS ACID, SODIUM SALT; (SODIUM NITRITE) (SARA III)
CAS:7632-00-0
RTECS #:RA1225000
Fraction by Wt: 10-20%
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THE FOLLOWING INFORMATION APPLIES TO
THE CHEMICAL INSIDE DISASSEMBLED CAPSULE. DO NOT DISASSEMBLE.
ACUTE: CYANOSIS. CHRONIC: WEAKNESS AND IRRITABILITY.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:IRRITATION OF MEMEBRANES, SHORTNESS OF BREATH,
AND DIZZINESS.
Medical Cond Aggravated by Exposure:HIGH BLOOD P
RESSURE.

===== First Aid Measures =====

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION
IF BREATHING IS STOPPED. EYES-WASH WITH LARGE AMOUNTS OF WATER
(15-20 MIN). SKIN-REMOVE CONTAMINATED CLOTHING, WASH WITH SOAP AND
COPIOUS AM OUNTS OF WATER. INGESTION-GIVE WATER AND INDUCE
VOMITING.

===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:425F,218C
Extinguishing Media
:CARBON DIOXIDE, DRY CHEMICAL, CHEMICAL FOAM.
Fire Fighting Procedures:SELF-CONTAINED BREATHING EQUIPMENT IS NEEDED
BECAUSE OF THE TOXIC OXIDES OF CARBON AND NITROGEN PRODUCED.
Unusual Fire/Explosion Hazard:HEATING ABOVE 80C SHORTENS EFFECTIVE
CHEMICAL LIFE. NOT BELIEVED TO BE SENSITIVE TO SHOCK.

===== Accidental Release Measures =====

Spill Release Procedures:PLACE IN CLOSED, DRY, METAL CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY PLACE IN PROTECTIVE
WRAPPER WHEN NOT IN USE.
Other Precautions:POLYETHYLENE PROTECTIVE WRAPPERS ARE FLAMMABLE.

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

Respiratory Protection:NONE REQUIRED.
Ventilation:NONE REQUIRED.
Protective Gloves:NONE REQUIRED FOR CAPSULES.
Eye Protection:NONE REQUIRED FOR CAPSULES.
Other Protective Equipment:NONE REQUIRED FOR CAPS

ULES.
Work Hygienic Practices:DO NOT DISASSEMBLE VAPOR CAPSULES. KEEP OUT OF REACH OF CHILDREN.
Supplemental Safety and Health
NONE

===== Physical/Chemical Properties =====

HCC:D1
Boiling Pt:B.P. Text:DECOMPOSES
Melt/Freeze Pt:M.P/F.P Text:185F,85C
Vapor Pres:0.00001 MM
Solubility in Water:5% BY WEIGHT
Appearance and Odor:ODORLESS DEVICE.

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS
, OXIDIZERS, AND REDUCING AGENTS CAN REACT WITH THE INTERNALLY CONTAINED CHEMICAL SYSTEM.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.

===== Disposal Considerations =====

Waste Disposal Methods:MAY BE BURIED IN A SANITARY LANDFILL OR INCINERATED.

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