

NORTHERN INSTRUMENTS CORP -- VC-2-2 -- 6850-01-133-0373

===== Product Identification =====

Product ID:VC-2-2

MSDS Date:07/28/1989

FSC:6850

NIIN:01-133-0373

MSDS Number: BGNHJ

=== 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 CO
RP

Address:6680 HWY 49N

Box:City:SHOREVIEW

State:MN

ZIP:55126

Country:US

Phone:612-784-1250

CAGE:56758

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM NITRITE (SARA III)

CAS:7632-00-0

RTECS #:RA1225000

Fraction by Wt: 50%

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:DICYCLOHEXYLAMMONIUM NITRITE

CAS:3129-91-7

RTECS #:HY4200000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

Ingred Name:ANTIOXIDANT

Other REC Li

imits:NONE SPECIFIED

Ingred Name:BINDERS

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE HEALTH HAZARDS: CYANOSIS.

CHRONIC HEALTH HAZARDS: WEAKNESS AND IRRITABILITY.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects

of Overexposure:IRRITATION OF MEMBRANES, SHORTNESS OF BREATH, DIZZINESS.

Medical Cond Aggravated by Exposure:HIGH BLOOD PRESSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION. SKIN: WASH WITH LARGE AMOUNT OF WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.

INHALATION: REMOVE T O FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDIC

AL ATTENTION. INGESTION: GIVE WATER AND

INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:425F,218C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:USE SCBA & EYE PROTECTION. DO NOT BREATH VAPORS. CONTAIN CONTAMINATED RUNOFF. FIGHT FIRE FROM UPWIND POSITION. USE WATER SPRAY TO COOL FIRE EXPOSED CO NTAINERS.

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.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, AREA. KEEP IN PROTECTIVE WRAPPER WHEN NOT IN USE. P

ROTECT CONTAINERS FROM
PHYSICAL DAMAGE.

Other Precautions:POLYETHYLENE PROTECTIVE WRAPPERS ARE FLAMMABLE.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE

Work Hygienic Practices:DO NOT DISASSEMBLE VAPOR CAPSULES. KEEP OUT OF
REACH OF CHILDREN.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp Temp:Decomp Text:>185F,>85C

Vapor Pres:NIL

Solubility in Water:MODERATE

Appearance and Odor:ODORLESS DEVICE

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG OXIDIZING AGENTS, & STRONG REDUCING AGENTS CAN
REACT WITH THE

INTERNALLY CONTAINED CHEMICAL SYSTEM.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE AND
OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. MAY BE BURIED IN A
SANITARY LANDFILL OR INCINERATED.

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