

VC1-1,2-1,2-2,6-1,6-2 C799J1,L1,L2,S1,S2

MSDS Number

BSDGP

National Stock Number

6850-01-192-7567

Product Name

VC1-1,2-1,2-2,6-1,6-2 C799J1,L1,L2,S1,S2

Manufacturer

NORTHERN INSTRUMENTS CORP

Product Identification

Product ID:VC1-1,2-1,2-2,6-1,6-2 C799J1,L1,L2,S1,S2

MSDS Date:01/01/1992

FSC:6850

NIIN:01-192-7567

MSDS Number: BSDGP

Responsible Party

NORTHERN INSTRUMENTS CORP

6680 NORTH HIGHWAY 49

LINO LAKES , MN 55014

US

Emergency Phone: 800-228-5635

Info Phone: 612-784-1250

Cage: 56758

Contractor

NORTHERN TECHNOLOGIES INTERNATIONAL CORP

SHOREVIEW, MN 55126

US

612-784-1250

Cage: 56758

Ingredients

SODIUM NITRITE (SARA III)

CAS: 7632-00-0

RTECS: RA1225000

Fraction By Weight: 5-7%

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ANTI-OXIDANT

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT=85MG/KG (NANO2;RTECS)

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

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

Health Hazards Acute and Chronic:ACTIVE INGREDIENT(SODIUM NITRITE) IS

CONTAINED IN A SEALED CAPSULE.INHAL:IRRITATES

MEMBRANES.EYES:POSSIBLE IRRITANT.SKIN:POSSIBLE

IRRITANT.INGEST:MODERATELY TOXIC.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL:IRRITATION OF MEMBRANES, SHORTNESS OF BREATH AND DIZZINESS.INGEST:INCREASES PULSE(BUT DOES NOT LOWER BLOOD PRESSURE).CAUSES

NAUSEA,VOMITING,METHMOGLOBINEMIA,CARBOXYHEMOGLOBINEMIA(RTECS).

Medical Cond Aggravated by Exposure:PERSONS WITH HIGH BLOOD PRESSURE MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/ARTIFICIAL RESPIRATION IF NEEDED.SEE DOCTOR. INGESTION:IF CONSCIOUS,GIVE WATER AND INDUCE VOMITING. CALL A PHYSICIAN.

Fire Fighting

Flash Point Method:COC

Flash Point:425F,218C

Lower Limits:DECOMPOSES

Upper Limits:DECOMPOSES

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:HEATING ABOVE 80C SHORTENS EFFECTIVE CHEMICAL LIFE. NOT BELIEVED TO BE SENSITIVE TO SHOCK.

Accidental Release

Spill Release Procedures:USE PROPER PROTECTIVE EQUIPMENT.PLACE IN A CLOSED, DRY, METAL CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN COOL,DRY PLACE IN PROTECTIVE WRAPPER WHEN NOT IN USE.DO NOT OPEN THE VAPOR CAPSULE!

Other Precautions:POLYETHYLENE PROTECTIVE WRAPPERS ARE FLAMMABLE.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:NONE REQUIRED FOR CAPSULES.

Eye Protection:NONE REQUIRED FOR CAPSULES.

Other Protective Equipment:NONE REQUIRED FOR CAPSULES.

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

Supplemental Safety and Health

NONE

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

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

Decomp Temp:Decomp Text:>85F,>29C

Vapor Pres:0.00001

Solubility in Water:NEGLIGIBLE (0.5%)

Appearance and Odor:ITEM IS IN A FOAM AND PLASTIC DEVICE TO PREVENT CONTACT WITH ACTIVE INGREDIENT

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, OXIDIZERS AND REDUCING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES AND FLAMES

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN

Disposal

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

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