

NORTHERN INSTRUMENTS CORP -- NICORR CN-99M -- 6850-00-865-2916

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

Product ID:NICORR CN-99M

MSDS Date:01/03/1994

FSC:6850

NIIN:00-865-2916

MSDS Number: BFTFD

=== 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:612-784-1250

CAGE:56758

=== Con

tractor 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

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

Ingred Name:DICYCLOHEXYLAMMONIUM NITRITE

CAS:3129-91-7

RTECS #:HY4200000

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 80MG/KG

Route

s of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:\*\*POISON\*\* THIS ITEM REDUCES THE  
OXYGEN CARRYING CAPACITY OF BLOOD.MAY CAUSE SKIN AND MUCOUS  
MEMBRANE IRRITATION,HYPERTENSION.CHRONIC:MAY DAMAGE  
LIVER,KIDNEYS,BLOOD FORMING ORGANS AND CENTRAL NERVOUS SYSTEM.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of O  
verexposure:SYSTEMIC EFFECTS:CYANOSIS(BLUIISH  
SKIN),HEADACHE,HYPERTENSION.  
Medical Cond Aggravated by Exposure:PERSONS WITH HIGH BLOOD PRESSURE  
MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET  
PROMPT QUALIFIED ME DICAL ATTENTION  
.IF CONSCIOUS,GIVE WATERAND  
INDUCE VOMITING(AS DIRECTED BY MEDICAL PERSONNEL).

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

Flash Point Method:COC  
Flash Point:473F,245C  
Extinguishing Media:FLOOD WITH WATER,DRY CHEMICAL,CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.  
Unusual Fire/Explosion Hazard:\*\*FLAMMABLE SOLID - OXIDIZER\*\* LARGE  
AMOUNTS OF  
DUST MAY BE EXPLOSIVE.DECOMPOSITION PRODUCTS MAY BE  
TOXIC.

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

Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND  
RESPIRATORY EQUIPMENT.SWEEP UP;DO NOT CREATE DUST;PLACE IN A DRY  
CONTAINER(COVERED BUT NOT SEALED) FOR DISPOSAL.CLEAN SPILL AREA  
WITH WATER.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN

A COOL, DRY, WELL-VENTILATED

PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND ACIDS AND REDUCING AGENTS.

Other Precautions: AVOID SKIN AND EYE CONTACT. DO NOT INHALE DUST.

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

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST AND MISTS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL)

VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: IMPERVIOUS

Eye Protection: DUST-PROOF GOGGLES

Other Protective Equipment: IMPERVIOUS APRON AND CAP. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS. SEPERATE WORK CLOTHES FROM STREET CLOTHES. LAUNDER WORK CLOTHES BEFORE REUSE. KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

**\*\*FLAMMABLE SOLID/POISON\*\*** IATA (TABLE 3.10.1) DOES NOT SPECIFY A PRECEDENCE FOR THESE TWO HAZARD CLASSES (4.1/I

II AND

6.1/III). SUBSIDIARY HCC CODE=T4 (POISON).

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

HCC: F8

Melt/Freeze Pt: M.P/F.P Text: 347F, 175C

Decomp Temp: Decomp Text: 347F, 175C

Vapor Pres: 10E-5

Spec Gravity: 2

Solubility in Water: MODERATE

Appearance and Odor: SOLID; PALE YELLOW; SLIGHT ODOR

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

Stability Indicator/Materials to Avoid: YES

ACIDS, REDUCING AGENTS, OXIDIZING AGENTS.

Stability Condition to Avoid: ELECT

ROSTATIC CHARGES,HEAT,FLAMES,DUSTY  
CONDITIONS.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OXIDE  
OF NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

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