

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 NERVIIOUS 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner
whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.