

# Yangzhou Sunchem Co.,Ltd.

## Material Safety Data Sheet

Sodium Dichloroisocyanurate Dihydrate(SDD)

### Composition/Information on Ingredient

**Cas:**

51580-86-0

**Code:**

M

**RTECS:**

XZ1910000

**Code:**

M

**Name:**

SODIUM DICHLOROISOCYANURATE DIHYDRATE

**Other REC Limits:**

NK

**OSHA PEL:**

NOT APPLICABLE

**Code:**

M

**OSHA STEL:**

ACGIH TLV: NOT APPLICABLE

**Code:**

2 OSHA STEL:

**ACGIH TLV:**

NOT APPLICABLE

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

### Control Measures

**Respiratory Protection:**

4 AVOID BREATHING DUSTS OR MISTS OF THIS PRODUCT.

**Ventilation:**

NK

**Protective Gloves:**

RUB GLOVES-PROT CUFF/GAUNTLET TYPE PREF.

**Eye Protection:**

CHEM SPLASH GOGGLES W/FULL FACE SHIELD.

**Other Protective Equipment:**

Equipment NK

**Work Hygienic Practices:**

NK

**Supplemental Safety and Health:**

NK

## Health Hazards Data

**LD50LC50Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

SKIN/EYE: CAUSES SEVERE CHEMICAL BURNS. EYE CONTACT MAY CAUSE BLINDNESS. HARMFUL CONTACT MAY NOT CAUSE IMMEDIATE PAIN. IMMEDIATE WATER FLUSHING IS VITAL IN CASE OF EYE CONTACT. INGEST: HARMFUL OR FATA L. CAUSES CHEMICAL BURNS OF MOUTH, THROAT AND STOMACH. INHAL: DAMAGES AIRWAYS/LUNGS. DEPENDING\*\*

**Explanation Of Carcinogenicity:**

NK

**Signs And Symptions Of Overexposure:**

\*\* UPON AMOUNT AND DURATION OF EXPOSURE. EFFECTS CAN VARY FROM SLIGHT IRRITATION TO BRONCHITIS OR PNEUMONIA.

**Medical Cond Aggravated By Exposure:**

PEOPLE WITH ASTHMA OR OTHER LUNG PROBLEMS MAY BE MORE SUSCEPTIBLE TO RESPIRATORY EFFECTS.

**First Aid:**

EYE: IMMED FLUSH W/PLENTY COOL RUNNING WATER. REMOVE CONTACTS. CONTINUE FLUSH >15 MIN, HOLD LIDS APART. CALL MD

IMMED. SKIN: IMMED FLUSH W/PLENTY COOL RUNNING WATER >15 MIN.  
REMOVE CONTAM CLOTHES/SHOE S/WASH BEFORE REUSE.  
INGEST: IMMED RINSE MOUTH. DRINK 1-2 LG GLASSES WATER/MILK. DON'T  
INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH IF  
UNCONSCIOUS. INHAL: GET FRESH AIR. CALL DR/POISON CONTROL IMMED.

**Spill Release Procedures:**

3 PICK UP WITHOUT RAISING DUST. FLUSH AREA WITH WATER.

**Neutralizing Agent:**

NK

**Waste Disposal Methods:**

CONSULT FEDERAL, STATE, AND LOCAL AUTHORITIES FOR RESTRICTIONS ON  
DISPOSAL OF CHEMICAL WASTE.

**Handling And Storage Precautions:**

KEEP PRODUCT DRY. DO NOT STORE IN WET, MOIST AREAS. TO ENSURE  
MAXIMUM SHELF LIFE STORE <100F. KEEP AWAY FROM CHILDREN.

**Other Precautions:**

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH USE SOLUTIONS.  
THESE MAY ALSO BE HAZARDOUS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

NK

**Autoignition Temp:**

**Autoignition Temp Text:**

NK

**Lower Limits:**

NK

**Upper Limits:**

NK

**Extinguishing Media:**

USE CO2 FOR SM FIRES NEAR PROD, SINCE WETTING PROD CAN CAUSE  
EXOTHERMIC REACTION. EXTINGUISH BY FLOODING W/WATER.

**Fire Fighting Procedures:**

PRODUCT DOES NOT SUPPORT COMBUSTION.

**Unusual Fire/Explosion Hazard:**

NK

## Physical/Chemical Properties

HCC:

**NRC/State LIC No:**

NK

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

NK

**Melt/Freeze Pt:**

**M.P/F.P Text:**

NK

**Decomp Temp:**

**Decomp Text:**

NK

**Vapor Pres:**

NK

**Vapor Density:**

NK

**Volatile Org Content %:**

**Spec Gravity:**

NK

**VOC Pounds/Gallon:**

**PH:** 12-13.5

**VOC Grams/Liter:**

**Viscosity:**

NK

**Evaporation Rate & Reference:**

NK \*10.5-11.5

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

BLUE SPECKLED POWDER, FAINT CHLORINE ODOR.

**Percent Volatiles by Volume:**

NK

**Corrosion Rate:**

NK

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

REACTS VIOLENTLY WITH ACIDS. REACTS W/SOFT METALS (ALUMINUM/ZINC).

**Materials To Avoid:**

NK

**Hazardous Decomposition Products:**

NK

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NK

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. sunchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.