

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-828/828-00-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
828-00-2  
**Code:**  
M

**RTECS:**  
AH1350000  
**Code:**  
M

**Name:**  
GIV-GARD DXN (BACTERIOSTAT); CAS.# 828-00-2; % WT

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
UNKNOWN  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
5 NONE SHOULD BE NEEDED

**Ventilation:**  
NORMAL ROOM VENTILATION.

**Protective Gloves:**  
OPTIONAL

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment NONE

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS DATE:2/20/86; MSDS DATED 10/29/85 CONTAINED MORE INFORM. ON INGRED. THAN 2/20/86 MSDS. RETAINED INGRED.INFORM. FROM EARLY MSDS SINCE COMPANY STATED THEY WERE THE SAME; PH=4.4;(WATER>45%)

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
MFR NOTES NOT KNOWN TO BE A PROBLEM

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
EYES:FLUSH W/WATER FOR 15 MINUTES. GET MEDICAL ATTN. SKIN:WASH W/SOAP & WATER. INHAL & INGEST ARE STATED NOT TO BE A PROBLEM.

**Spill Release Procedures:**  
4 WIPE UP WITH DRY OR DAMP CLOTH.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE I/A/W ALL FEDERAL, STATE & LOCAL LAWS. MATERIAL IS NOT CONSIDERED HAZARDOUS.

**Handling And Storage Precautions:**  
STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

**Other Precautions:**  
UNKNOWN

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
SUITABLE FOR SURROUNDING FIRE

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
220F,104C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
20

**Vapor Density:**  
>1.0

**Volatile Org Content %:**

**Spec Gravity:**  
1.17

**VOC Pounds/Gallon:**

**PH:** N/P 6

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
BLUE LIQUID,NO ODOR

**Percent Volatiles by Volume:**  
50

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

## 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

**Other Information:**N/P