

GENSIA INC -- SODIUM NITROPRUSSIDE INJECTION -- 6505-01-009-5019

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

Product ID:SODIUM NITROPRUSSIDE INJECTION

MSDS Date:10/27/1994

FSC:6505

NIIN:01-009-5019

MSDS Number: BXNYJ

=== Responsible Party ===

Company Name:GENSIA INC

Address:9360 TOWNE CENTRE DR

City:SAN DIEGO

State:CA

ZIP:92121-1204

Country:US

Info Phone Num:800-331-0124/800-729-9991

Emergency Phone Num:80

0-331-0124/800-729-9991

CAGE:0Y512

=== Contractor Identification ===

Company Name:CHEMICAL SAFETY ASSOCIATES INC

Address:9163 CHESAPEAKE DR

Box:City:SAN DIEGO

State:CA

ZIP:92123-1002

Country:US

Phone:858-565-0302

CAGE:0KBF5

Company Name:GENSIA INC.

Address:9360 TOWNE CENTRE DR.

Box:City:SAN DIEGO

State:CA

ZIP:92121-1204

Country:US

Phone:800-331-0124/800-729-9991

CAGE:0Y512

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

Ingred Name:SODIUM NITROPRUSSIDE \*95-2\*

CAS:1375

5-38-9  
RTECS #:LJ8925000  
Fraction by Wt: 3%  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: >97%  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 20 MG/KG (SEE SUPP)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THIS MATERIAL MAY BE HARMFUL IF  
SWALLOWED  
, INHALED/INJECTED INTO SKIN. OVEREXPOSURE CAUSES A DROP  
IN BLOOD PRESSURE. LARGE AMOUNTS TAKEN INTERNALLY, MAY FORM CYANIDE  
WHEN METABOLIZED. SKIN/EYES: IRRITATION. INGESTION: EXTREMELY  
TOXIC.

Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, CYANIDE POISONING, CYANOSIS,  
RESPIRATORY DIFFICULTY, DROP IN BLOOD PRESSURE, DEATH, BLUE-GRAY  
COLORATION OF THE SKIN/LIPS.

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

First Aid:SKIN: IMM  
EDIATELY WASH W/SOAP & WATER & RINSE W/RUNNING WATER  
FOR 15 MINS. EYES: GENTLY RUN WATER. USE SUFFICIENT FORCE TO OPEN  
LIDS. MINIMUM FLUSHING SHOULD BE 15 MINS. INHALATION: REMOVE TO  
FRESH AIR & USE CPR IF NEEDED. INGESTION: RINSE MOUTH, DON'T INDUCE  
VOMITING. TAKE COPY OF LABEL & MSDS TO PHYSICIAN/HEALTH  
PROFESSIONAL W/VICTIM. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER SPRAY, CO2, FO

AM, DRY CHEMICAL, HALON.

Fire Fighting Procedures:WEAR EYE PROTECTION. STRUCTURAL FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSTION, THIS PRODUCT MAY TOXIC FUMES OF HYDROGEN CYANIDE.

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

Spill Release Procedures:SMALL: (1 VIAL, 2ML) WEAR LATEX/NITRILE GLOVES & SAFETY GLASSES. ABSORB W/POLYPADS/OTHER APPROPRIATE MATERIALS.

AVOID SPLASHING/SPRAYING LIQUID. RINSE THOROUGHLY W/SOAP & WATER.  
LARGE: (1000 ML) SHOUL D BE RESPONEEDED USING PRE-PLANNED PROCEDURES.(SUPP

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

Handling and Storage Precautions:STORE PRODUCT IN ORIGNIAL CONTAINER AT 59-86F. WHEN CLEANING NON-DISPOSABLE EQUIPMENT, WEAR GLOVES/GOGGLES/LAB COAT. WASH EQUIPMENT W/SOAP & WATER.

Other Precautions:ALL NEEDLES, SYRINGES, VIALS & OTHER DISPOSABLE ITEMS CONTAMINATED W/P

RODUCT SHOULD BE DISPOSED OF PROPERLY. AVOID ALL CHEMICALS & GETTING ON YOU/IN YOU. DON'T EAT/DRINK WHILE HANDLING. FOLLOW SPECIFI C USE INSTRUCTIONS SUPPLIED W/PRODUCT.

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

Respiratory Protection:NONE REQUIRED UNDER ROUTINE CONDITIONS OF USE.

Ventilation:USE W/ADEQUATE VENTILATION. FOLLOW STANDARD MEDICAL PRODUCT HANDLING PROCEDURES.

Protective Gloves:LATEX, NITRILE, RUBBER

Eye Protection:SAFETY GLASSES

Other Protecti

ve Equipment:LAB COAT, GOWN, SMOCK.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANLDING.

Supplemental Safety and Health

SPILLS CONT'D: PROPER PROTECTIVE EQUIPMENT SHOULD BE USED. CLEAR AFFECTED AREA/PROTECT PEOPLE & RESPOND W/TRAINED PERSONNEL. ABSORB W/POLYPADS/OTHER APPROPRIATE MATERIALS. AVOID SPLASHING/SPRAYING LIQ UID. RINSE THOROUGHLY W/SOAP & WATER. PLACE ALL RESIDUE IN A DOUBLE PLASTIC BAG. LD50 IS FOR SODIUM NITRO

PRUSSIDE.

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

Spec Gravity: 1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, BIOLOGICAL MATERIALS.

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:HYDROGEN CYANIDE.

Conditions to Avoid Polymerization:HEAT/CONTACT W/ACIDS/BIOLOGICAL  
MATERIALS MAY CAUSE RELEASE OF  
HYDROGEN CYANIDE.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL  
REGULATIONS. IF UNALTERED BY THE HANDLING, MAY BE DISPOSED OF BY  
TREATMENT AT A PERMITTED FACILITY/AS ADVISED BY YOUR LOCAL  
HAZARDOUS WASTE REGULATORY AUTHORITY. POISON. UN2810.

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