

ELKINS-SINN INC -- SODIUM NITROPRUSSIDE -- 6505-01-009-5019

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

Product ID:SODIUM NITROPRUSSIDE

MSDS Date:04/23/1992

FSC:6505

NIIN:01-009-5019

MSDS Number: BRQFJ

=== Responsible Party ===

Company Name:ELKINS-SINN INC

Address:2 ESTERBROOK LN

City:CHERRY HILL

State:NJ

ZIP:08003

Country:US

Info Phone Num:800-257-8349 / FAX 609-424-8747

Emergency Phone Num:800-424-930

0 CHEMTREC

CAGE:51968

=== Contractor Identification ===

Company Name:ELKINS-SINN INC

Address:2 ESTERBROOK LANE

Box:City:CHERRY HILL

State:NJ

ZIP:08003-4099

Country:US

Phone:800-257-8349/609-424-3700

CAGE:51968

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

Ingred Name:SODIUM NITROPRUSSIDE

CAS:14402-89-2

RTECS #:LJ8750000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50

(RAT) IS 99 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE SYSTEMIC EFFECTS SIMILAR TO CENTRAL NERVOUS SYSTEM DEPRESSION. CONTACT MAY CAUSE EYE AND SKIN IRRITATION. INGESTION MAY CAUSE EFFECTS SIMILAR TO INHALATION. CHRONIC: PROLONGED OR REPEATED EXPOSURE WILL CAUSE EFFECTS SIMILAR TO ACUTE EXPOSURE.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION/INGESTION: HEADACHE, NAUSEA, VOMITING, HYPOTENSION, MUSCLE SPASMS, TACHYCARDIA, CONVULSIONS, AND COMA. EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, DISCOMFORT.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF

BREATHING STOPPED. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET IMMEDIATE MEDICAL HELP. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. GET IMMEDIATE MEDICAL HELP. INGESTED: IF CONSCIOUS AND NOT CONVULSING, INDUCE VOMITING BY GIVING SYRUP OF IPECAC FOLLOWED BY WATER. GET IMMEDIATE MEDICAL ATTENTION

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

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING DURING FIREFIGHTING OPERATIONS.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:KEEP UNNECESSARY PEOPLE AWAY. WEAR PROPER PROTECTIVE CLOTHING/EQUIPMENT. SWEEP UP AND PLACE IN A CLEAN, DRY CONTAINER FOR LATER DISPOSAL. DO NOT FLUSH TO SEWER.

Neutralizing Agent:NONE SPECIFIED

CIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:MAY BURN BUT DOES NOT IGNITE READILY. PREVENT DISPERSION IN AIR. DO NOT ALLOW SPILLED MATERIAL TO CONTAMINATE WATER SOURCES.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY

OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW REGULATORY LIMITS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

ANTIDOTE: ADMINISTER PRIOR TO ANY OTHER FIRST AID MEASURES. GIVE AMYL NITRITE BY INHALATION 15-30 SECONDS EVERY MINUTE WHILE PREPARING SODIUM NITRITE SOLUTION. GIVE 10 ML 3% SODIUM NITRITE INTERVENOUSLY OVER PERIOD OF 2-4 MINUTES. DO NOT REMOVE NEEDLE. ADJUST DOSE BASED ON BODY WEIGHT. DO NOT GIVE ABOVE 12 GRAMS TOTAL.

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

HCC:T3

Spec Gravity:1.7 (WATER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:

WHITE TO LIGHT GREY POWDER

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

Stability Indicator/Materials to Avoid:YES

SODIUM NITRITE

Stability Condition to Avoid:CONTACT WITH SODIUM NITRITE.

Hazardous Decomposition Products:TOXIC AND HAZARDOUS NITROUS OXIDE, CYANIDE, AND SODIUM OXIDE FUMES UNDER THERMAL DECOMPOSITION.

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

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

REGULATIONS.

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