



SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2019
Date Updated: July 11, 2019

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION -----

Product Name Sodium nitroprusside dihydrate
Product Code(s) SB0867
Recommended Use For Laboratory Research Use Only
Not for Human or Animal Drug Use

Supplier Bio Basic Inc.
Address 20 Konrad Crescent, Markham, Ontario,
Canada, L3R 8T4
Telephone (905) 474 4493
Fax (905) 474 5794
For Chemical Emergency Phone# (416) 995 9730

SECTION 2. ----- HAZARDS IDENTIFICATION -----

GHS Classification
Acute toxicity, Oral (Category 4)

GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement(s)
H301 Toxic if swallowed.

Precautionary statement(s)
P264: wash skin thoroughly after handling
P405: Store locked up.
P270: Do not drink, eat, smoke, when using this product.
P301 + P312 +P330:If Swallowed: Call Poison Center or doctor/physician if you feel unwell, Rinse mouth
P501: Dispose of contents/container to an approved waste disposal plant.

HMS Classification:

Health hazard 2,
Flammability 0,
Physical hazards 0

NFPA Rating:

Health hazard 2,
Fire 0,
Reactivity hazard 0

Potential Health Effects:

Eye: Risk of serious damage to eyes.
Skin: Harmful in contact with skin.
Ingestion: Harmful if swallowed.
Inhalation: Harmful by inhalation.

SECTION 3. - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

Chemical Name	EC No.	CAS-No	Weight %
Sodium nitroprusside dihydrate	238-373-9	13755-38-9	<100

SECTION 4. - - - - - FIRST-AID MEASURES - - - - -

Skin: Rinse with plenty of soap & water

Eyes: rinse immediately with plenty of water

Ingestion: Do not induce vomiting without medical advice. Rinse with water.

Inhalation: Move to fresh air.

Physician: Treat symptomatically and supportively.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

Info: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Special Hazards: Carbon, nitrogen, sodium & Iron oxides.

Extinguishing: Use water spray, dry chemical powder, Carbon dioxide, or alcohol-resistant foam.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -

Info: Use proper PPE as indicated in Section 8.

Spills/ Leaks: Vacuum or sweep up material and place into suitable disposal container. Do not flush into sewer. Avoid generating dusty conditions. Provide ventilation. Do not let product enter drains.

SECTION 7. - - - - - HANDLING AND STORAGE - - - - -

Handling: Washing thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Moisture Sensitive.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION - - - - -

Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA – Final / Vacated PEL's</u>
Sodium Nitroferricyanide	C 5mg/m ³ TLV TWA 5mg/m ³ TLV	4.7ppm 5mg/m ³ C TWA 1mg/m ³	5.mg/m ³ TWA

PPE: Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure. 0.11mm thick nitrile.

Clothing: Wear appropriate protective clothing (lab coats, overalls) to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator must be followed whenever workplace conditions warrant respirator use.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

Ruby red crystals.

Density: 1.72 g/cm³

SECTION 10. -----STABILITY AND REACTIVITY -----

Stability: Stable under ordinary conditions of use and storage.

Avoid: Exposure to air or moisture over prolonged periods.

Incompatibilities: Strong oxidizing agents, strong acids.

Hazardous Decomp Products: see section 5.

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

RTECS: LJ8925000

LD50: Oral rat 99 gm/kg.

Carcinogenicity: CAS#13755-38-9: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. Other: stomach irregularities

SECTION 12. ----- ECOLOGICAL INFORMATION -----

No information found.

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Contact a licensed professional waste disposal service to dispose of this material.

RCRA P-Series: None listed. **RCRA U-Series:** None listed.

SECTION 14. ----- TRANSPORT INFORMATION -----

DOT: UN 3288, Toxic solid, inorganic, n.o.s., (Sodium nitroferrocyanide (III) dihydrate), 6.1, III, ERG 151

IMDG: UN 3288 TOXIC SOLID, INORGANIC, N.O.S., (Sodium nitroferrocyanide (III) dihydrate), 6.1, III

IATA: UN 3288, Toxic solid, inorganic, n.o.s., (Sodium nitroferrocyanide (III) dihydrate), 6.1, III

SECTION 15. ----- REGULATORY INFORMATION -----

SARA Section 302 None of the chemicals in this product have a TPQ/RQ.

Section 313 This product is subject to SARA section 313 reporting 13755-38-9: Sodium nitroferrocyanide(III) dihydrate

STATE CAS#13755-38-9 is not present on state lists from CA, MN, FL.

Massachusetts Right to Know: CAS# 13755-38-9: Sodium nitroferrocyanide(III) dihydrate Rev. 7/1/12

Pennsylvania Right to Know: CAS# 13755-38-9: Sodium nitroferrocyanide(III) dihydrate Rev. 7/1/12

New Jersey Right to Know: CAS# 13755-38-9: Sodium nitroferrocyanide(III) dihydrate Rev. 7/1/12

California Prop.65 components: **WARNING:** This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm CAS# 13755-38-9: Sodium nitroferrocyanide(III) dihydrate Rev. 7/1/12

EUROPEAN/INTERNATIONAL REGULATION European Labeling in Accordance with EC Directives

Hazardous Symbols T **WGK (Water Danger/Protection)** CAS#13755-38-9

Canada – DSL/NDSL CAS#13755-38-9 is not listed on Canada's DSL List or NDSL List.

Canada – WHMIS This product has a WHMIS classification of D1B

CAS#13755-38-9 is not listed on Canada's Ingredient Disclosure List.

SECTION 16. ----- OTHER INFORMATION -----

Further information: no limited for paper copy, just for internal uses.
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Issuing Date: 11-Jul-2019

End of SDS