SAFETY DATA SHEET

SIGMA AgriScience
2565 FM 1096
Boling, Texas 77420

In Case of Emergency, Call
Information: 979-657-2893
CHEMTREC: 1-800-424-9300

1. CHEMICAL IDENTIFICATION

Product Name:	SIGMA 16-2-3 Bio BRIDGE
Recommended Use:	Organic Granular Fertilizer
Manufacturer Address:	Sigma AgriScience, LLC 2565 FM 1096 Boling, TX 77420
Telephone number:	+1 281 706 8171
Email:	info@sigma-agri.com
Website:	www.sigma-agri.com
Emergency phone number	+1 281 706 8171

2. HAZARDS IDENTIFICATION

Classification

Skin irritant Cat 2, eye irritant Cat 2B, respiratory irritant Cat 3

Hazard pictograms:



Signal word: WARNING

Hazard statements:
H315 – Causes skin irritation
H319 – Causes serious eye irritation
H335 – May causes respiratory irritation

Precautionary statements:
P264 – Wash hands thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear eye protection, face protection, protective clothing, protective gloves.
P301+P312 – If swallowed, call a doctor if you feel unwell.
P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.
P330 – If swallowed, rinse mouth.
P337+P313 – If eye irritation persists: Get medical advice/attention.
P501 – Dispose of contents/container according to local and regional regulations.

Other hazards which do not result in classification (e.g., dust explosion hazard): None

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains hazardous ingredients according to OSHA 29CFR 1910.1200 criteria that exceed cut-off values for classification.

Name	CAS Number	% (w/w)
Iron Oxide	1309-37-1	1 – 3

4. FIRST AID MEASURES

Eye Contact:	Rinse with plenty of running water. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops.
Inhalation:	If inhaled, remove to fresh air. In case of inhalation of decomposition products in a fire, symptoms may be delayed. Get medical attention if you feel unwell. The exposed person may need to be kept under medical surveillance for 48 hours.
Ingestion:	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Procedures:	Use water spray to keep fire exposed containers cool. Fight fire from protected location or maximum possible distance. Dike area to prevent water runoff. Firemen should wear self-contained breathing apparatus and protective clothing.
Unusual Fire Hazards:	None.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear personal protective equipment.
Environmental Precautions:	Keep people and animals away from and upwind of spill/leak.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up:	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Do not contaminate water, food or feed by storage or disposal.

Handling:	Handle in accordance with good industrial hygiene and safety practice. Do not contaminate other products or feed by unapproved storage or disposal processes.
Storage Conditions:	Keep away from open flames, hot surfaces and sources of ignition. Keep in a dry, cool and well-ventilated place. Keep out of reach of children and animals. Keep/store only in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	None have been established for this product
Engineering Controls:	Use only in adequately ventilated areas.
Eye Protection:	Eye contact with the material should be avoided through the use of chemical safety glasses, goggles, or a face-shield.
Respiratory Protection:	For dust, splash, mist or spray exposures, wear a filtering mask.
Dermal Protection:	Wear appropriate protective clothing to prevent skin contact. Applicators and other handlers must wear chemical resistant gloves, long pants, long-sleeved shirt, shoes and socks. Remove and wash contaminated clothing before reuse. Wash separately from other laundry.
Other Precautions:	An adequate supply of clean, portable water should be available to allow thorough flushing of skin and eyes in the event of contact with this compound. Do not get in eyes or get in or on clothing. Avoid breathing vapor or spray mist. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark, solid granules
Odour	Mild Organic / Earthy
Odour threshold:	No data available
pH @ 20°C:	No data available
Melting point/ Freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	No data available
Solubility(ies):	No data available
Partition coefficient; n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability:	This product is stable under recommended storage conditions.
Incompatibility:	None known.
Decomposition Products:	None known.
Hazardous polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL DATA

Ingestion:	No data available. May cause irritation.
Skin Contact:	No data available. May cause irritation.
Eye Contact:	No data available. May cause irritation.
Inhalation LC_{50}:	No data available.
Allergy Sensitization:	No data available.
Carcinogenicity:	No data available.

12. ECOLOGICAL DATA

Aquatic:	No information available.
Avian:	No information available.
Invertebrates:	No information available.
Algae:	No information available.
Bees:	No information available.
Degradability:	Product is readily biodegradable.

13. DISPOSAL CONSIDERATION

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in accordance with applicable federal, state or local procedures.

Containers: Procedures in accordance with state and local regulations must be observed.

14. TRANSPORT INFORMATION

DOT:	Not Regulated.
TDG:	Not Regulated.
ICAO/IATA:	Not Regulated.
IMDG/IMO:	Not Regulated.
UN CLASSIFICATION:	Not classified as a hazardous material for transport.

15. REGULATORY DATA

U.S. Federal Regulations:

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories:

Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122-42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

Threshold Limit Value: OSHA PEL – N/A
ACGIH TLV – N/A

NOTE: Threshold limit values defined by local regulations must be observed.

U.S. State Regulations:

California Proposition 65 – This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations – N/A
International Inventories – N/A

16. OTHER INFORMATION

Date of Last Revision: December 2025

NFPA and HMIS ratings assigned to this product are based on the hazards of its ingredient (s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product SDS.

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