



## MATERIAL SAFETY DATA SHEET (MSDS)

### \*\*\* Section 1 – IDENTIFICATION\*\*\*

Product name: SBC Helix Enigma  
Synonyms: None Known  
Product Use: Liquid Fertilizing  
Manufacturer: Soil Basics Corporation (559) 651-2772  
17014 Avenue 296  
Visalia, CA 93292

### \*\*\* Section 2 – HAZARD IDENTIFICATIONS \*\*\*

Signal Word: WARNING



Hazard Statement:

Skin Irritation: May cause mild irritation  
Eye Irritation: May cause Injury  
Ingestion: Causes irritation to the digestive and respiratory tract

### \*\*\* Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS \*\*\*

Component	CAS Number	Weight
	Proprietary	100%

### \*\*\* Section 4 – FIRST-AID MEASURES\*\*\*

Effects of Exposure:	Inhalation:	Cannot be inhaled
	Eyes:	May cause injury
	Ingestion:	Causes irritation to the digestive and respiratory tract
	Skin:	Mild irritation
EMERGENCY FIRST AID:	Inhalation:	Cannot be inhaled
	Eyes:	Wash with tempered water for 15 minutes
	Ingestion:	Drink plenty of water or fruit juice. Obtain the services of a physician immediately.
	Skin:	Wash with water

### \*\*\* Section 5- FIRE FIGHTING MEASURES\*\*\*

Suitable extinguishing media:	No specific firefighting procedures noted
Specific hazards arising from the chemical:	None
Special Protective equipment and precautions for firefighters:	No specific recommendations made, but respiratory protection may be required under exceptional circumstances when excessive air contamination exists.

### \*\*\* Section 6 – ACCIDENTAL RELEASE MEASURES\*\*\*

Personal precautions, protective equipment and emergency procedures:	Before using, repairing or providing maintenance of contaminated equipment, drain and rinse with water. No unusual requirements for hygienic practices.
Environmental Precautions:	Do not contaminate the waterways.
Methods and materials for containment and cleaning up:	Spill response: confine the spill into a dike area or sump if possible. Recover as much of the liquid as possible. Do not allow run-off into sewer systems.

### \*\*\* Section 7 – HANDLING & STORAGE USE\*\*\*

Precautions for safe handling:	Refer to Section 8 for personal protective equipment.
Conditions for safe storage, including any incompatibilities:	Ambient storage temperature, unlimited shelf life. In handling and storage, keep separate from acids.
Cleaning Equipment:	Before using, repairing or providing maintenance of contaminated equipment, drain and rinse with water.

**\*\*\* Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION\*\*\***

Respiratory Protection:	Not required
Protective Gloves:	Use suitable protective rubber or plastic gloves to avoid prolonged or repeated skin contact.
Eye Protection:	Goggles, or goggles and face shield.
Ventilation Recommended:	Not required
Other protective equipment:	Emergency eye wash and safety shower

**\*\*\* Section 9 – PHYSICAL & CHEMICAL PROPERTIES\*\*\***

pH:	7.0	Color:	Dark
Odor:	Slight	Odor Threshold:	None
Melting point/freezing point:	N/A	Initial boiling point and boiling range:	N/A
Specific Gravity:	1.01	Evaporation rate:	N/A
Flammability (solid, gas):	Not determined	Upper/lower flammability or explosive limits:	Not determined
Vapor pressure:	N/A	Vapor density:	N/A
Relative density:	8.34	Solubility(ies):	N/A
Partition coefficient n-octanol/water:	N/A	Auto-ignition temperature:	Not combustible
Decomposition temperature:	None	Viscosity:	N/A

**\*\*\* Section 10 – STABILITY & REACTIVITY\*\*\***

Reactivity:	Unknown
Chemical stability:	Stable under normal conditions
Possibility or hazardous reactions:	No dangerous reactions known
Conditions to avoid (e.g. static discharge, shock or vibration):	Excessive heat or contact with acids
Incompatible materials:	Acids and heat
Hazardous decomposition products:	None

**\*\*\*Section 11: TOXICOLOGICAL INFORMATION\*\*\***

Information on the likely routes of exposure:	Body contact is most likely route.
Inhalation:	None
Skin Contact:	Could be a route
Symptoms related to characteristics:	No symptoms aggravated by exposure
Physical:	None
Toxicological:	None
Immediate effects:	None determined
Chronic effects from short term exposure:	None determined
	Chronic effects from long term exposure:
	None determined

**\*\*\* Section 12: ECOLOGICAL INFORMATION \*\*\***

Ecotoxicity (aquatic and terrestrial, where available):	No further information available
Persistence and degradability:	No further information available
Bioaccumulative potential:	No further information available
Mobility in the soil:	No further information available
Other adverse effects:	Hazardous for water; keep out of waterways.

**\*\*\*Section 13: ECOLOGICAL INFORMATION\*\*\***

Waste disposal methods:	Reclaim and reuse as much as possible. Do not allow material to reach sewer system. Dispose in accordance with local, state and federal regulations.
-------------------------	--

**\*\*\* Section 14: Transport Information \*\*\***

UN proper shipping name:	Non-regulated material
UN Number:	Non-regulated material
Transport Hazard Class:	Not a DOT hazardous material
Packing group:	Not applicable
Environmental hazards:	No information found
Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	Trucks, tanks, mini-bulks, drums, buckets
Special precautions which a user needs to be aware of, or needs to comply with:	None determined at this time

**\*\*\* Section 15: Regulatory Information \*\*\***

Safety, health and environmental regulations:	No additional regulatory information applicable. Refer to sections 11, 13, 14
---	---

**\*\*\*Section 16: OTHER INFORMATION\*\*\***

Emergency Overview:	Product is a dark solution. Product is irritating to the eyes. Inhalation of mists and vapors should be avoided, as it may be irritating to the respiratory system.
Miscellaneous Information:	Use with caution and according to specifications on manufacturer's label. MSDS may not fully reflect manufacturer's recommendations. Containers will contain residues of the product. Do not re-use containers for any purpose other than transporting, storing, or mixing of fertilizers. The information accumulated herein is believed to be accurate but is not warranted to be whether origination with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Issue Date: March 16, 2023