

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: TRI-C Endo 120
Product Code: FMAENET
Product Use: Inoculant
Supplier: TRI-C ENTERPRISES, LLC
Address: 13267 Yorba Avenue, Unit 5, CHINO, CA 91710
Phone Number: 909-590-1790 (Monday-Thursday, 9:00a.m. – 5:00 pm)
Emergency Phone Number: 714-329-0379

2. HAZARDS IDENTIFICATION

Classification:
Acute Oral: Category 4
Eye irritation: Category 2B

Signal Word: Warning

Hazard Symbols:
exclamation mark



Hazard Statements:
Harmful if inhaled
May cause respiratory irritation.

Prevention Statements:

Avoid breathing dust
Use outdoors or in a well-ventilated area

Response Statements:

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:

Keep container tightly closed.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Concentration (w/w %)</u>
Silica Hydrated (Amorphous Opaline Silica)	7631-86-9	90-99 %
Quartz (Respirable <0.1%)	14808-60-7	<10%
Proprietary-Other Ingredients	Trade Secret	1-10%

4. FIRST AID MEASURES

If Inhaled: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

If on Skin: Wash with soap and water. Then apply hand lotion. Exposure to skin may cause mild irritation and dry skin.

If in Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

If Swallowed: If symptoms persist consult doctor.

If Inhaled: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use media that is appropriate for surrounding fire.
Special Exposure Hazards: None known
Special Protective Equipment / Procedures for Firefighters: None known

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None know
Environmental Precautions: None known
Containment / Clean-Up Methods: Sweep up and collect for proper disposal

7. HANDLING & STORAGE

Handling: Avoid breathing dust. Ensure good ventilation/exhaustion at the workplace.
Storage: Store in a dry area. Avoid consistent temperature above 120 degrees Fahrenheit. Keep container tightly sealed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:
Engineering Controls: For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.
Respiratory Protection: For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended..
Personal Protective Equipment : **Clothing:** None required for normal use.
Eye Protection: Safety glasses or goggles recommended
Respiratory Protection: For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Gray to tan granules	Upper/Lower flammability limits:	Not available
Odor:	No odor	Vapor pressure:	Not available
Odor threshold:	Not available	Vapor density: (air =1)	Not applicable
pH:	Not applicable	Specific Gravity: (H₂O = 1)	2.2
Melting/Freezing point:	1610°C / Not applicable	Solubility:	Insoluble
Boiling point:	4046°F (2230°C)	Partition coefficient (n-octanol-water):	Not determined
Flash point:	Not applicable	Auto-ignition temperature:	Not applicable
Evaporation rate:	Not available	Decomposition temperature:	Not applicable
Flammability (solid, gas):	Not applicable	Viscosity:	Not applicable

10. STABILITY & REACTIVITY

Reactivity hazards: No further relevant information available
Chemical stability: No decomposition if used according to specifications
Conditions to avoid: No further relevant information available

Incompatible materials: No further relevant information available
Hazardous decomposition products: No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Information: **Ingestion:** No adverse effects expected with unused material
Inhalation: Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.
Eye: Contact may cause mechanical irritation and possible injury.
Skin: No adverse effects expected.
Sensitization: No adverse effects expected.
Medical Conditions Aggravated By Exposure: None currently known.

Acute toxicity: Attapulgite-type clay: No toxicity data available
Corrosivity: This is not a corrosive product
Eye Contact may cause mechanical irritation
Respiratory/Skin sensitization: No sensitizing effects know
Germ cell mutagenicity: No specific data is available. This product is not expected to present a germ cell mutagenicity hazard
Carcinogen Status No toxicity data available. The substance does not meet the criteria for carcinogen under Regulation (EC) No 1272/2008
Reproductive toxicity: No specific data is available. Not expected to affect reproduction or development.
Repeat Dose Toxicity No toxicity data available. Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains <0.1% respirable crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function.

12. ECOLOGICAL INFORMATION

Toxicity: None known
Persistence/ degradability: No further relevant information available
Bioaccumulative potential: No further relevant information available
Mobility in soil: No further relevant information available
Other adverse effects: No further relevant information available
Results of PBT and vPvB assessment PBT: Not applicable
vPvB: Not applicable

13. DISPOSAL CONSIDERATIONS

Disposal methods: Waste treatment methods: Recommendation; Recycle or dispose with household trash
Uncleansed packaging: Recommendation; Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
UN number:	Not applicable	Not applicable	Not applicable
Proper shipping name:	Not regulated under DOT	Not regulated	Not regulated
Hazard class(es):	Not applicable	Not applicable	Not applicable
Packing group:	Not applicable	Not applicable	Not applicable
Special precautions:	None		

15. REGULATORY INFORMATION

CERCLA/SUPERFUND	None
SARA HAZARD CATEGORY (311/312)	Chronic Health
SARA 313:	None
TSCA:	Components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements
EINECS	Components of this product are listed on the EINECS Inventory or exempt from notification requirements
EEC R&S Phrases	Xn Harmful, R48/20 Harmful: Danger of serious damage to health by prolonged exposure by inhalation; S22 Do not breath dust; S38 In case of insufficient ventilation, wear suitable respirator equipment
JAPAN MITI:	Components of this product are existing chemical substances as defined in the Chemical Substances Control Law
AICS:	Components of this product are listed on the AICS Inventory or exempt from notification requirements.

16. OTHER INFORMATION

HMIS Ratings:	Health – 1	Flammability – 0	Reactivity – 0
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This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

SDS preparation date:	June 1, 2015	Replaces MSDS dated:	May 16, 2012
Changes since last revision:	New format to SDS		