



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name FORMULA 815GD-NF
Product number 301017
Company information Brulin & Company, Inc.
P.O. Box 270
Indianapolis, IN 46206 US
www.Brulin.com
Emergency CHEMTREC 1-800-424-9300
General information Phone: 317-923-3211
Fax: 317-925-4596

2. Hazards Identification

Emergency overview This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Irritating to eyes and skin.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin Health injuries are not known or expected under normal use. Prolonged and/or repeated skin contact may result in mild irritation or redness.

Inhalation Health injuries are not known or expected under normal use.

Ingestion Health injuries are not known or expected under normal use.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Sodium Tripolyphosphate	7758-29-4	< 5
Non-hazardous and other components below reportable levels		< > 90
Composition comments	No dangerous ingredients according to Directive 2001/58/EC	

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.

Skin contact Wash affected area with mild soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.

Ingestion Give several glasses of water to dilute contents of stomach and call a physician.

Inhalation Move to fresh air.

General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

Personal precautions Wear appropriate personal protective equipment.

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After removal flush contaminated area thoroughly with water.

7. Handling and Storage

Handling	Use care in handling/storage. Wash hands after handling and before eating.
Storage	Keep container tightly closed. Keep at temperatures between 5 and 49 °C.

8. Exposure Controls / Personal Protection

Engineering controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use general ventilation.
Personal protective equipment	
Eye / face protection	Avoid contact with eyes. Wear safety glasses with side shields.
Skin protection	Avoid contact with the skin. Wear appropriate chemical resistant gloves. Recommended gloves include rubber, neoprene, nitrile or viton.
Respiratory protection	No personal respiratory protective equipment normally required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	Liquid.
Color	blue green
Odor	mild
Odor threshold	Not available.
Form	Liquid.
pH	12
Freezing point	Not available.
Boiling point	212 °F (100 °C)
Flash point	> 212 °F (> 100 °C) Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor density	Not available.
Specific gravity	1.075
Solubility (water)	100 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Do not freeze. Avoid temperatures above 120 °F (49 °C).
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	Eye irritation Skin irritation Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Acute LD50: 21876 mg/kg, Rat, Oral
Further information	This product has no known adverse effect on human health.

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12. Ecological Information

Ecotoxicity	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Environmental effects	Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
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14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

CERCLA (Superfund) reportable quantity

Sodium Tripolyphosphate: 5000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance	No
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Section 311 hazardous chemical	Yes
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State regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
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US - Pennsylvania RTK - Hazardous Substances: Listed substance

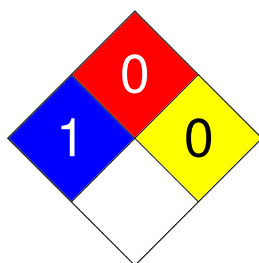
Sodium Tripolyphosphate (7758-29-4) Listed.

16. Other Information

HMIS rating

Health	/	1
Flammability		0
Physical Hazard		0
Personal Protection		B

NFPA codes



Disclaimer

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

Accidental Release Measures: Personal precautions

This data sheet contains changes from the previous version in section(s):

Issue date

11-08-2012