



**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.

# FORMULA 815GD-NF

Product number: 301017

## 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.

# FORMULA 815GD-NF

Product number: 301017

## 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.

## 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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### US - Pennsylvania RTK - Hazardous Substances: Listed substance

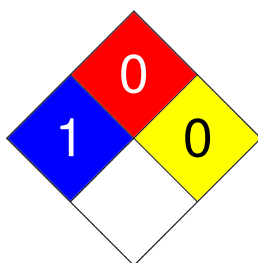
Sodium Tripolyphosphate (7758-29-4) Listed.

## 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.

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

Accidental Release Measures: Personal precautions

**Issue date**

11-08-2012