



# SAFETY DATA SHEET

## FORMULA 815GD-NF

according to EC Directive 2001/58/EC

### 1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance/preparation	FORMULA 815GD-NF
Revision Date	24-Jan-2008
Product number	301017
Manufacturer information	Brulin & Company, Inc. P.O. Box 270 Indianapolis, Indiana 46206 United States www.Brulin.com
General Information	CHEMTREC 1-703-527-3887

### 2. Hazards identification

#### Potential short term 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

Composition comments	No dangerous ingredients according to Directive 2001/58/EC
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### 4. First aid measures

Inhalation	Move to fresh air.
Skin contact	Wash affected area with mild soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.
Eye contact	Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
Ingestion	Give several glasses of water to dilute contents of stomach and call a physician.
General advice	If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire-fighting measures

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

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.
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### 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 measures	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use general ventilation.
Personal protective equipment	
Respiratory protection	No personal respiratory protective equipment normally required.
Eye protection	Avoid contact with eyes. Wear safety glasses with side shields.



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**Skin and body protection**

Avoid contact with the skin. Wear appropriate chemical resistant gloves. Recommended gloves include rubber, neoprene, nitrile or viton.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & chemical properties

Appearance	Liquid.
Boiling point	212 °F
Colour	blue green
Density	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Flash point	> 212 °F Pensky-Martens Closed Cup
Form	Liquid.
Freezing point	32 °F
Odour	mild
pH	12
Safety category	Not available
Solubility (H <sub>2</sub> O)	100 %
Specific gravity	1.075
Vapour density	Not available
Vapour pressure	17 mm Hg
VOC (Weight %)	0 %

## 10. Stability and reactivity

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

## 11. Toxicological information

Acute toxicity	Eye irritation Skin irritation Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Acute LD50: 21876 mg/kg, rat, Oral
Routes of exposure	Eye contact Skin contact. Ingestion.
Pre-existing conditions aggravated by exposure	dermatitis
Further information	This product has no known adverse effect on human health.

## 12. Ecological information

Ecotoxicity effects	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.



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## 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.

### EU wastecodes

Waste codes should be assigned by the user based on the application for which the product was used.

## 14. Transport information

### ADR

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### ICAO

Not regulated as dangerous goods.

## 15. Regulatory information

### International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

### Labelling

#### S-phrases

S24/25 Avoid contact with skin and eyes.  
S36/39 Wear suitable protective clothing and eye/face protection.

### Water hazard class

WGK 1

## 16. Other information

### Prepared date

24-Jan-2008 11:19:46

### Superseded date

29-Aug-2007 10:24:35

### 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