

Safety Data Sheet

PD-10, 50

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Preparation: January 2014
Review: May 2014

1. IDENTIFICATION

Part No. and Description: PD-10, 50, Heavy Duty Cleaner/Degreaser (1 and 5 gal)

Material name: FORMULA 815 MX

Product Number: 111005 / 111105

Manufacturer: Brulin & Company, Inc

Distributor: Goodson Tools & Supplies

P.O.Box 270

156 Galewski Drive, P.O.Box 847

Indianapolis, IN 46206

Winona, MN 55987

317-923-3211

507-452-1830 / 800-533-8010

Emergency Phone: 800-924-6804 (24 hours)

2. HAZARDS IDENTIFICATION

Emergency overview: Corrosive. May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Percent</u>
Sodium Tripolyphosphate	7758-29-4	<5
Ethanolamine	141-43-5	<2.5
Non-hazardous and other components below reportable levels		<>90

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 with soap and water. Launder contaminated clothing before reuse.

Ingestion: Give several glasses of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. Obtain medical attention.

Inhalation: Move to fresh air.

General advice: In the case of an accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Flammable properties: None known.

Extinguishing media

Suitable extinguishing media: Use any media suitable for the surrounding fires.

Protection of firefighters

Protective equipment and precautions for firefighters: Wear suitable protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

7. HANDLING AND STORAGE

Handling: Store and handle in accordance with all current regulations and standards.

Storage: Keep at temperatures between 4 and 49°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Eye / face protection: Wear chemical goggles, or safety glasses with side-shields.

Skin protection: Wear impervious gloves for prolonged contact.

Respiratory protection: Not required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid

Color: Blue green

Odor: Citrus

Odor threshold: Not Available.

Form: Liquid

pH: 11.8 - 12.2

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: 1.076

Solubility (water): 100%

VOC: 2.837%

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability: Stable at normal conditions.

Conditions to avoid: Do not freeze.

Incompatible materials: Strong oxidizing agents and acids.

Hazardous decomposition products: Carbon monoxide and carbon dioxide and nitrogen oxides (NOx).

Possibility of hazardous reactions: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute effects: Acute LD50: 11169 mg/kg, Rat, Oral

Chronic effects: Repeated or prolonged exposure may cause irritation of eyes and skin. Chronic inhalation causes tiredness, headache and rhinitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Components of this product have been identified as having potential environmental concerns.

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.

ICAO

Not regulated as hazardous goods.

15. REGULATORY INFORMATION

US Federal Regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA (Superfund) reportable quantity

Sodium Tripolyphosphate: 5000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: Yes

Inventory status

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

State Regulations: **WARNING:** This product contains a chemical known to the State of California to cause cancer.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Ethanolamine (141-43-5) Listed.

Sodium Tripolyphosphate (7758-29-4) Listed.

16. OTHER INFORMATION

Health	/	2
Flammability		0
Physical Hazard		0
Personal Protection		B



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.