

MATERIAL SAFETY DATA SHEET
BLUE GOOP®

December 2009

Section 1 – Product & Company Identification

| | | | |
|----------------|---|--------------------|----------------|
| Manufacturer: | Swagelok Company 29495 F.A. Lennon Dr. Solon, Ohio 44139 USA | Information Phone: | (440) 349-5600 |
| | | Emergency Phone: | (800) 424-9300 |
| | | Chemtrec | |
| Product Class: | Lubricant | Product Code: | N/A |
| Trade Name: | Blue Goop® | | |

Section 2 - Composition and Information on Ingredients

| CAS # | EINECS* # | Ingredients | Weight % | PEL (Time-Weighted Average) |
|-----------|-----------|---------------------------|----------|-----------------------------|
| 8001-79-4 | 232-293-8 | Castor Oil | 40-70% | None |
| 9002-84-0 | N/A | Polytetrafluoroethylene | 30-60% | None |
| N/A | N/A | Non-hazardous ingredients | 3-7% | None |

*EINECS - European Inventory of Existing Commercial Substances

Section 3 - Hazards Identification

Health Hazards

Possible irritation to eyes. Castor oil is a laxative and can cause severe stomach cramps and diarrhea if ingested.

LD₅₀/LC₅₀: *Not Available*

Potential chronic exposure effects – see Section 11.

Section 4 – First Aid Measures

First Aid - Inhalation

Unlikely to be inhaled

First Aid - Skin

Wash thoroughly with soap and water. If severe irritation develops, seek medical attention

First Aid - Eyes

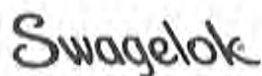
Rinse thoroughly with water for 15-30 minutes, seek medical attention. Do not rub eyes

First Aid - Ingestion

Seek medical attention immediately. Do not induce vomiting

Medical Information

Inhaling fumes of decomposition products can cause temporary influenza-like symptoms which are described as "polymer fume fever." Symptoms include fever, cough, and malaise. Following *severe* exposure to *products of composition*, keep patient under medical supervision of 48 hours since delayed pulmonary edema may develop.



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Section 10 – Stability and Reactivity

Chemical Stability under Normal Conditions

Stable

Conditions to Avoid (Stability & Polymerization)

High Temperatures

Incompatible Materials

Reducing agents and oxidizing agents such as oxygen, chlorine, and fluorine

Hazardous Decomposition Products

When heated over 750°F, the polytetrafluoroethylene may decompose into hydrofluoric acid, carbonyl fluoride, tetrafluoroethylene, hexafluoropropylene, and perfluoroisobutylene

Section 11 – Toxicological Information

Acute toxic properties: Eye irritant.

Prolonged Health effects: Unlikely to cause prolonged ill effects.

Sensitization: Not Determined

Teratogenicity: Not Determined

Reproductive Toxicity: Not Determined

Synergistic Products: Not Determined

Carcinogenicity: Listed ingredients are not suspected carcinogens according to NTP, IARC, NIOSH and OSHA

Section 12 - Ecological Information

Environmental Releases

Do not allow spills to enter sewers or waterways. Comply with all applicable local, state, and federal regulations.

Mobility: Paste-like viscosity

Degradability: Not determined

Accumulation: None known

Short/Long term effects on ecotoxicity: None known

Section 13 - Disposal Considerations

Waste Disposal Methods

Unused product is not considered a hazardous waste in the United States. Dispose of responsibly

European Community (EC) considerations: Use appropriate waste codes based on ingredients

Section 14 - Transport Information

Proper Shipping Name

Comply with all applicable local, state, and federal transportation regulations

Section 15 – Regulatory Information

United States

SARA Title III – Section 313

Not applicable

TSCA

Yes

Canada

Canadian Controlled Products

Castor Oil