



# SAFETY DATA SHEET

**Product: PLUSCO 503 HV**

Page 1

---

## 1. Product and Company Identification

Trade Name: PLUSCO 503 HV

Manufacturer:  
Plusco, Inc.  
14518 Henry Rd.  
Houston, TX. 77060  
Tel: (713) 880-0316  
Email: [plusco@plus-co.com](mailto:plusco@plus-co.com)  
Emergency Tel: 1-800-275-1875

## 2. Hazards Identification

PLUSCO 503 is not hazardous material and does not contain any hazardous ingredients.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Castor Oil	8001-79-4	96 - 98
Additive	Not Available	2 - 4

## 4: First-Aid Measures

In case of ingestion, rinse mouth. Do not induce vomiting unless directed to by medical personnel. In case of skin contact, wash with plenty of water and soap. In case of eye contact, rinse with plenty of water. If irritation persists, get medical attention.

## 5. Fire Fighting Measures

Extinguishing Media	Foam, carbon dioxide, water, dry chemical powder
Unsuitable Extinguishing Media	No restrictions
Flash Point	In fire carbon monoxide and carbon dioxide may form 506°F (COC)
Auto Ignition Temperature	Not available
Special Protective Equipment	Not required, except regular fire-fighters equipment

# SAFETY DATA SHEET

**Product: PLUSCO 503 HV**

Page 2

---

## **6. Accidental Release Measures**

Personal Precautions	None
Environmental Precautions	None
Methods for Clean Up	Absorb spill with sand or earth. Clean with detergent

## **7. Handling and Storage**

Handling	Keep away from sources of ignition
Storage	Keep containers closed and in dry area away from heat & light

## **8. Exposure Controls/Personal Protection**

Engineering measures	No special measures required
Control Parameters	Not available
Personal Protection	Usual, same as for handling
--respiratory Equipment	chemicals None
--Hand Protection	Neoprene gloves
--Eye Protection	Protective glasses
--Skin Protection	None

## **9. Physical and Chemical Properties**

Appearance	Green
Odor	Semi-Solid
PH	Not applicable
Boiling Point	Above 300°C
Melting Point	Not applicable
Flash Point	506°C (COC)
Flammability (solid, gas)	None
Auto flammability	None
Explosive Properties	None
Oxidizing Properties	None
Vapor Pressure	Not applicable
Relative Density	About 0.98 @ 25°C
Solubility – Water solubility	Insoluble
- Fat solubility	
(solvent oil to be specified)	Soluble in ethanol at room temperature
Partition coefficient	
n-octanol/water	Not available
Other Data	Not available

# SAFETY DATA SHEET

## **Product: PLUSCO 503 HV**

Page 3

---

### **10. Stability and Reactivity**

Conditions to avoid	Keep away from oxidizing materials
Materials to avoid	Oxidizing materials & sources of ignition
Hazardous decomposition products	None if handled & stored according to prescription

### **11. Toxicological Information**

Expected LD50 oral-rate > 5000 mg/kg based on data taken from similar product

### **12. Ecological Information**

Mobility	Not determined
Degradability	Readily biodegradable
Accumulation	Minimum biodegradability is 60% BSB30/CSB Resp. 70% DOC
Short & long term effects on eco toxicity	Acute fish toxicity LCO > 100 mg/L Bacteria toxicity ECO > 100 mg/L

### **13. Disposal Considerations**

Can be landfilled in accordance with municipal, provincial and federal regulations

### **14. Transport Information**

Not regulated

### **15. Regulatory Information**

According to EEC Council Directive, Castor oil is not a dangerous substance, but suitable precautions for handling chemicals should be taken. EINECS#: 232-293-8 TSCA: Is not regulated. No special handling or labels are required.

### **16. Other Information**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or corrections.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use of disposal of the product. **Date of Revision: March 2015**