



# Material Safety Data Sheet

20024D

Revision Date: 08/05/2004

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## OPTIPHEN

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Responsible Party:** International Specialty Products  
1361 Alps Rd.  
Wayne, N.J. 07470  
U.S.A.  
Telephone: (973) 628-4000

**Emergency Telephone Number:** CHEMTREC: 1-800-424-9300 (Spill Related Emergencies)  
PROSAR: 1-800-241-7439 (Health Related Emergencies)

**Prepared By:** Product Stewardship

**Product Id:** 20024D

**Product Name:** OPTIPHEN

**CAS Registry Number:** 1117-86-8; 122-99-6

**CAS Name:** 1,2 Octanediol ; 2-Phenoxyethanol

**Synonyms:** Phenoxyethanol ; Caprylyl Glycol (INCI NAMES)

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components:	Weight %	ACGIH Threshold Limit Values Data - Time Weighted Average (TWA):	OSHA Specifically Regulated Substances Data - Time Weighted Average (TWA):
1,2-Octanediol 1117-86-8	20-80	No TLV/TWA Established	No TLV/TWA Established
2-PHENOXYETHANOL 122-99-6	20-80	No TLV/TWA Established	No TLV/TWA Established

**Statement of Hazardous Nature:** May be harmful if swallowed. Causes moderate eye irritation.

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

CAUTION! MAY BE HARMFUL IF SWALLOWED. CAUSES MODERATE EYE IRRITATION.

#### Hazard Overview

**Target Organs:** Eyes

**Primary Entry Routes:** Eyes.

**Acute Health Hazards:** Causes moderate eye irritation.

**Chronic Health Hazards:** None known

**Signs and Symptoms of Overexposure**

**Eye Contact:** Causes moderate eye irritation.

**Skin Contact:** Not a hazard under normal use conditions.

**Ingestion:** May be harmful if swallowed.  
**Inhalation:** Not a hazard under normal use conditions.

#### 4. FIRST AID MEASURES

**Skin Contact:** Wash with soap and water.  
**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.  
**Inhalation:** No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

**NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0  
**Flash Point (°F):** 261 - 262  
**Extinguishing Media:** All standard firefighting media  
**Unusual Fire/Explosion Hazards:** Unknown  
**Special Protective Equipment:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.  
**HMIS RATING:**  
**HEALTH** 2  
**FLAMMABILITY** 1  
**PHYSICAL HAZARD** 0

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Use appropriate protective equipment.  
**Procedure for Cleaning/Absorption:** Contain spill with sand or other inert materials.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes. Wash thoroughly with soap and water after handling.  
**Storage:** Keep containers tightly closed when not in use. Store in a cool, dry place, out of direct sunlight.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use in a well ventilated area.  
**Respiratory Protection:** Use in a well ventilated area.  
**Hand Protection:** Use gloves as a standard industrial handling procedure.  
**Eye Protection:** Chemical goggles; also wear a face shield if splashing hazard exists.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Color:** Colorless  
**Odor:** Not determined

<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not determined
<b>Specific Gravity:</b>	1.03 (water=1)
<b>Boiling Point (°F):</b>	Not determined
<b>Melting Point/Freezing Point(°F):</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Solubility:</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of handling, use and transportation.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Extreme temperatures.

## 11. TOXICOLOGICAL INFORMATION

### Toxicity Test:

<b>Acute Oral LD50 (mg/kg):</b>	1,260 (Phenoxyethanol) 2,200 (approx) (rat) (1,2 Octanediol)
<b>Acute Dermal LD50 (mg/kg):</b>	14,422 (rabbit) (Phenoxyethanol)
<b>Sensitization:</b>	Human RIPT: Not a sensitizer (Phenoxyethanol) Human RIPT: Non-sensitizing (1,2 Octanediol)
<b>Mutagenicity:</b>	Nonmutagenic Ames assay with and without metabolic activation. (Phenoxyethanol) Negative in Ames Test. (1,2 Octanediol)
<b>Skin Irritation:</b>	Mildly irritating to rabbit skin. (Phenoxyethanol) Non-irritating to rabbit skin. (1,2 Octanediol)
<b>Eye Irritation:</b>	Moderately irritating to rabbit eye. (Phenoxyethanol) Irritating to rabbit eye. (1,2 Octanediol)
<b>Other Information:</b>	Photosensitization: Non-photosensitizing (Phenoxyethanol).

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Easily biodegradable. (1,2 Octanediol)
<b>Aquatic Toxicity:</b>	No data is available on the adverse effects of this material on the environment.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Waste Method:</b>	Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.
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## 14. TRANSPORT INFORMATION

### Land Transportation:

<b>DOT (Non-Bulk):</b>	
<b>DOT Shipping Name:</b>	NOT REGULATED
<b>UN/NA Number:</b>	NONE

**Hazard Class:** NONE

**DOT (Bulk):**  
**DOT Shipping Name:** NOT REGULATED

**UN/NA Number:** NONE

**Air Transportation (IATA):**  
**Proper Shipping Name:** NOT REGULATED

**UN Number:** NONE

**Hazard Classification:** NONE

**Sea Transportation (IMO):**  
**Proper Shipping Name:** NOT REGULATED

**UN/ID Number:** NONE

**Hazard Classification:** NONE

**TDG (Canada):**  
**Proper Shipping Name:** NOT REGULATED

**Hazard Class:** NONE

### 15. REGULATORY INFORMATION

**TSCA Inventory List:** This product and/or its components is listed on TSCA.

**California Proposition 65 Carcinogens & Reproductive Toxicity (CRT) List:** None of the components of this product is listed on CALPROP.

**WHMIS Ingredient Disclosure List:** One or more components of this product is listed on the WHMIS Ingredient Disclosure list.

**Canada DSL Inventory List:** This product and/or its components is listed on DSL.

**Canada NDSL Inventory List:** This product and/or its components is not listed on NDSL.

**Japan Inventory of Existing & New Chemical Substances (ENCS):** This product and/or its components is listed on ENCS.

**Australia Inventory of Chemical Substances (AICS) List:** This product and/or its components is listed on AICS.

**EU EINECS List:** This product and/or its components is listed on EINECS.

**ELINCS:** This product and/or its components is not listed on ELINCS.

<b>Components:</b>	2-PHENOXYETHANOL 122-99-6
<b>EPCRA (SARA Title III) Section 313 Toxic Chemical -</b>	Listed.

### 16. OTHER INFORMATION

**Prepared By:** Product Stewardship

**Legend:** N.Av.= Not Available; N.Ap.= Not Applicable

**Important Note:**

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