



Material Safety Data Sheet

20024C

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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

Distributed by:
ISP (CANADA) Inc.
4055 Sladeview Cr. #7
Mississauga, Ontario L5L 5Y1
TEL: (905) 607-2392 or (800) 465-5094
FAX: (905) 607-9086

Emergency Telephone Number: CHEMTREC: 1-800-424-9300 or 703-527-3887 (Outside of the USA)
(Spill Related Emergencies)
PROSAR: 1-800-241-7439 (Health Related Emergencies)

Prepared By: Product Stewardship

Product Id: 20024C

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):
2-PHENOXYETHANOL 122-99-6	53-58	No TLV/TWA Established	No TLV/TWA Established
1,2-Octanediol 1117-86-8	42-47	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

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.

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.

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicity Test:

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: 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.

14. TRANSPORT INFORMATION

Land Transportation:

DOT (Non-Bulk):

UN/NA Number: NONE
DOT Shipping Name: NOT REGULATED
Hazard Class: NONE

DOT (Bulk):

UN/NA Number: NONE
DOT Shipping Name: NOT REGULATED

Air Transportation (IATA):

UN Number: NONE
Proper Shipping Name: NOT REGULATED
Hazard Classification: NONE

Sea Transportation (IMO):

UN/ID Number: NONE
Proper Shipping Name: NOT REGULATED
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.

WHMIS Hazard Class: D2B TOXIC MATERIALS



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.

Components:	2-PHENOXYETHANOL 122-99-6
EPCRA (SARA Title III) Section 313 Toxic Chemical Data - De minimis concentration:	Listed
EPCRA (SARA Title III) Section 313 Toxic Chemical -	Listed.

16. OTHER INFORMATION

Prepared By: Product Stewardship

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

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*****END OF MSDS*****