



Material Safety Data Sheet

20026D

Revision Date: 03/30/2005
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OPTIPHEN PLUS

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: 20026D

Product Name: OPTIPHEN PLUS

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

CAS Name: 1,2 Octanediol ; 2-Phenoxyethanol

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 |
| 2,4-Hexadienoic acid 110-44-1 | <10 | 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: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

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: If inhaled, remove to fresh air. If not breathing or if breathing is difficult, give artificial respiration or oxygen by trained personnel. Seek medical attention.

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): 255

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. Wear a NIOSH approved respirator appropriate for airborne exposure at the point of use.

Hand Protection: All cleanable impervious glove types are acceptable.

Eye Protection: Chemical goggles; also wear a face shield if splashing hazard exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Colorless

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|--|----------------|
| 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

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|----------------------------------|---|
| 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

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|--------------------------|--|
| 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

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| 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. |
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14. TRANSPORT INFORMATION

Land Transportation:

| | |
|---------------------------|---------------|
| DOT (Non-Bulk): | |
| DOT Shipping Name: | NOT REGULATED |

UN/NA Number: 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.

| | |
|--|------------------------------|
| Components: | 2-PHENOXYETHANOL 122-99-6 |
| 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

Important Note:

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