

1 - Identification

Product Name Optiphen Plus
Product Number
Address Ingredients To Die For, 155 Blue Drive, Searcy, AR 72143
Phone 512-535-2711
Emergency Phone 800-633-8253; 801-629-0667

2 - Hazard(s) Identification

Classification of the substance or mixture

GHS classification in accordance with: Eye damage/irritation, Cat. 2A
OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

Pictogram

Hazard statement(s) H319

H319 Causes serious eye irritation

Precautionary statement(s) P264

P264 Wash thoroughly after handling.

P280 Wear eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention/advice.

3 - Composition/Information on Ingredients

Mixtures

Hazardous components

1. 2-Phenoxyethanol

Concentration	52.25% (weight)
EC No.	204-589-7
CAS No.	122-99-6
Index No.	603-098-00-9

Acute toxicity, oral, Cat. 4

Serious eye damage/eye irritation, Cat. 2

2. 1,2-Octanediol

Concentration	41.73% (weight)
EC No.	214-254-7
CAS No.	1117-86-8

Sorbic Acid

Concentration	6% (weight)
CAS No.	110-44-1

4 - First-Aid Measures

Description of necessary first-aid measures

General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	If breathed in, move person into fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.
In case of eye contact	Immediately flush eye(s) with plenty of water. Remove contact lenses.
If swallowed	Call a POISON CENTER or doctor/physician if you feel unwell. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5 - Fire-Fighting Measures

Suitable extinguishing media	Water spray, Foam, Carbon Dioxide (CO ₂), Dry chemical. Do not use high volume water jet.
Specific hazards arising from the chemicals	Do not allow run-off from fire-fighting to enter drains or water courses.
Special protective actions for fire-fighters	If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Further information	Carbon dioxide and carbon monoxide

6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	For personal protection see Section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Environmental precautions	Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7 - Handling and Storage

Precautions for safe handling	Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, ventilated area.

8 - Exposure Controls/Personal Protection

Appropriate engineering controls

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves (consult your safety equipment supplier).

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc) Colorless liquid

Odor

Odor threshold

pH

Melting point/freezing point -83.00 F / -63.89 C

Initial boiling point and boiling range 378.00 F / 192.22 C

Flash point

Evaporation rate

Flammability (solid, gas)

Upper/lower flammability limits

Vapor pressure

Vapor density

Relative density

Solubility(ies)

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition temperature

Viscosity

Explosive properties

Oxidizing properties

10 - Stability and Reactivity

Reactivity Stable

Chemical stability Stable

Conditions to avoid Exposure to sunlight, Exposure to moisture, Heating in air

Incompatible materials Isocyanates, strong acids, strong bases, strong oxidizing agents, UV light

Hazardous decomposition products Alcohols, aldehydes, carbon dioxide and carbon monoxide, dioxolanes, ethers, organic acids

11 - Toxicological Information

Information on toxicological effects

Acute toxicity No data available

12 - Ecological Information

Toxicity Toxic to aquatic life

Persistence and degradability No data available

13 - Disposal Considerations

Disposal of the product Dispose of in accordance with all applicable local, state and federal regulations.

14 - Transport Information

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15 - Regulatory Information

Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

2-Phenoxyethanol

CAS No. 122-99-6

Pennsylvania Right To Know Components

2-Phenoxyethanol

CAS No. 122-99-6

SARA 313 Components

2-Phenoxyethanol

CAS No. 122-99-6

Pennsylvania Right To Know Components

Octane-1,2-diol

CAS No. 1117-86-8

HMIS Rating

Health 1

Flammability 2

Physical hazard

Personal protection

NFPA Rating

16 - Other Information

Further information/disclaimer

Date of issue: 04/26/19

Date of revision 06/12/19

DISCLAIMER

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(SDS)

Safety Data Sheet

State of the Art Ingredients * Fast Friendly Service

goods and does not include any consequential loss.