

Bulk

.....
APOTHECARY

Safety Data Sheet Optiphen Plus

SECTION 1: Identification

1.1 Product identifier

Product name	Optiphen Plus
Product number	pres-10
Brand	Bulk Apothecary

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 2A

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H319

Causes serious eye irritation

Precautionary statement(s)

P264

P280

Wash ... thoroughly after handling.
Wear eye protection/face protection.

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P305+P351+P338

P337+P313

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2 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

H302	Harmful if swallowed
H319	Causes serious eye irritation

2. 1,2-Octanediol

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

3. SORBIC ACID

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

SECTION 4: First-aid measures

4.1 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.

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	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.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray, Foam, Carbon dioxide (CO₂), Dry chemical. Do not use high volume water jet.

5.2 Specific hazards arising from the chemical

Do not allow run-off from fire fighting to enter drains or water courses.

5.3 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

SECTION 6: Accidental release measures

6.1 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.

6.2 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.

6.3 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).

SECTION 7: Handling and storage

7.1 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.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated area.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

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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.

8.3 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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Colourless 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	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable.

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10.2 Chemical stability

Stable.

10.4 Conditions to avoid

Exposure to sunlight., Exposure to moisture., Heating in air.

10.5 Incompatible materials

isocyanates, Strong acids, strong bases, Strong oxidizing agents, UV light.

10.6 Hazardous decomposition products

Alcohols, Aldehydes, carbon dioxide and carbon monoxide, dioxolanes, ethers, Organic acids

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

no data available

SECTION 12: Ecological information

Toxicity

Toxic to aquatic life.

Persistence and degradability

no data available

SECTION 13: Disposal considerations

Disposal of the product

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

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 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

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2-Phenoxyethanol
CAS-No. 122-99-6

SARA 313 Components

2-Phenoxyethanol
CAS-No. 122-99-6

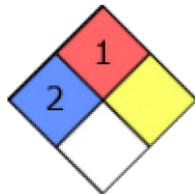
Pennsylvania Right To Know Components

Octane-1,2-diol
CAS-No. 1117-86-8

HMIS Rating

Optiphen Plus	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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