



Safety Data Sheet

Optiphen Plus

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Optiphen Plus

1.2 Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
 980 Adelaide St. S,
 London, On. N6E-1R3
 519-685-3111
 www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS and (EC) No 1272/2008 CLP

Eye Damage/Eye Irritation: Category 2A

OSHA Classification (Provisions 1910.1200 of title 29)

Carcinogenicity: This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X]
 ACGIH [] IARC [] NTP [] OSHA [].

2.2 Label Elements

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Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms



Signal Word: Warning

Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

Prevention:

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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 advice/attention.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

3.1 Mixtures

Ingredient	CAS#	Concentration	GHS Classification
2-PHENOXYETHANOL	122-99-6	52.25%	H302; H319
1,2-OCTANEDIOL	1117-86-8	41.74%	H319
SORBIC ACID	110-44-1	6%	H315; H319; H335



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4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. If unconscious place in recovery position and seek medical advice. Get medical attention if symptoms occur or persist.
Eye Exposure:	Flush immediately with plenty of water. Remove contact lenses if present and easy to do so. Get medical attention if irritation occurs or persists.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with soap and water. Get medical attention if irritation occurs.
Ingestion:	IF SWALLOWED: CALL A POISON CONTROL CENTER or 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.
General Advice:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms:	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), pain in the abdomen and lower back acute kidney failure (sudden slowing or stopping of urine production) Causes serious eye irritation.
Risks:	Refer to Section 2.2 "Hazard Statements".

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment:	Refer to Section 2.2 "Response".
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5. Firefighting Measures

5.1 Extinguishing Media

Suitable:	Carbon dioxide (CO ₂), Dry Chemical, Foam, Water Spray
Unsuitable:	Do not use a direct, high volume, water jet on burning material.



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5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: 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. Do not allow run-off from firefighting to enter drains or water courses.

5.3 Advice for Firefighters

Further Information: Carbon dioxide and carbon monoxide are potential hazardous combustion products. Product is compatible with standard fire-fighting agents. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

6.2 Environmental Precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to Other Sections

Comply with all applicable federal, state, and local regulations.

7. Handling and Storage

7.1 Precautions for Safe Handling



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Do not breathe vapors/dust. Do not smoke. Container hazardous when empty. Avoid contact with skin and eyes. Smoking, eating, and drinking should be prohibited in the application area. For personal protection, see section 8. Dispose of rinse water in accordance with local and national regulations.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations/working materials must comply with the technological safety standards. Protect from frost.

7.3 Specific End Uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Contains no substances with occupational exposure limit values.
Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected, or apparent adverse effects.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapour or mist.
Skin Protection: Wear impervious clothing, safety shoes, and appropriate body protection according to the amount and concentration of the dangerous substance at the workplace. Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Hygiene Measures: Wash hands before breaks and at the end of the workday. When using do not eat, drink, or smoke.



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9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Odour:	Not determined.
Colour:	Light yellow.
State:	Liquid.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flashpoint (CCCFP):	255°F (124°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20):	Not determined.
%VOC:	Not determined.
Specific Gravity @ 25 C:	Not determined.
Density:	1.014 – 1.024 g/cm ³
Soluble In:	Not determined.

10. Stability and Reactivity

10.1 Reactivity:	None if stored and applied as directed.
10.2 Chemical Stability:	Stable under recommended storage conditions.
10.3 Possibility of Hazardous Reactions:	Product will not undergo hazardous polymerization.
10.4 Conditions to Avoid:	Excessive heat. Do not allow evaporation to dryness. Exposure to light.
10.5 Incompatible Materials:	Strong oxidizing agents and strong bases.
10.6 Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity – Oral:	Not classified – the classification criteria are not met.
Acute Toxicity – Dermal:	Not classified – the classification criteria are not met.
Acute Toxicity – Inhalation:	Vapours may cause irritation when inhaled.



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Skin Corrosion/Irritation:	May cause skin irritation.
Serious Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory Sensitization:	Not classified – the classification criteria are not met.
Skin Sensitization:	Not classified – the classification criteria are not met.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Not classified – the classification criteria are not met.
Reproductive Toxicity:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Single Exposure:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Not classified – the classification criteria are not met.
Aspiration Hazard:	Not classified – the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	Toxic to aquatic life.
Chronic Aquatic Toxicity:	No data available.
Toxicity Data on Soil:	No data available.
Toxicity on Other Organisms:	No data available.

12.2 Persistence and Degradability:	No data available.
12.3 Bioaccumulative Potential:	Readily biodegradable.
12.4 Mobility in Soil:	No data available.
12.5 Other Adverse Effects:	No data available.

13. Disposal Conditions

13.1 Waste Treatment Methods

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways, or ditches with chemical or used container. Send to a licensed waste management company. Dispose of in accordance with all applicable



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local, state, and federal regulations. Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI				
	Not regulated – Not dangerous goods.			
ADR/RID (International Road/Rail) Chemicals NOI				
	Not regulated – Not dangerous goods.			
IATA (Air Cargo) Chemicals NOI				
	Not regulated – Not dangerous goods.			
IMDG (Sea) Chemicals NOI				
	Not regulated – Not dangerous goods.			

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act):	All components of the substance/mixture are listed or exempt.
40 CER (EPCRA, SARA, CERCLA and CAA)	This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning	No warning required.
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Canadian Regulations:

DSL/NDSL	100% of the components are listed or exempt.
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16. Other Information

GHS H – Statements Referred to Under Section 3



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H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.