



Safety Data Sheet

Germall Plus

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

1.1 Product Identifier

Product Name: Germall 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

Skin Sensitization: Category 1
Eye Damage/Eye Irritation: Category 2A

2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms

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Signal Word: Warning.

Hazard Statements

- H317** May cause an allergic reaction.
H319 Causes serious eye irritation.

Precautionary Statements

Prevention:

- P260** Do not breathe dust/fumes/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P501 Dispose of contents and container in accordance with local, regional, national, and/or international regulation for hazardous wastes.

Response:

- P302+P352** IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.
P363 Wash contaminated clothing before reuse.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients



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3.1 Mixtures

Ingredient	CAS#	Conc. Range	GHS Classification
Diazolidinyl urea	78491-02-8	39.56%	H319
3-Iodo-2-propynyl butyl carbamate	55406-53-6	0.50%	H302; H317; H318; H330; H335

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/ Obtain medical advice 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 and wash before reuse. Wash thoroughly with soap and water if on skin. First aid is not normally required. Get medical attention if irritation occurs or persists.
Ingestion:	Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms:	No symptoms known or expected. May cause an allergic skin reaction. 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:	No hazards which require special first aid measures.
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5. Firefighting Measures

5.1 Extinguishing Media



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- Suitable:** Carbon dioxide (CO₂), Dry Chemical, Foam, Water Spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable:** Do not use a direct, high volume water jet on burning material.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: If product is heated above its flash point it will produce vapours sufficient to support combustion. Vapours 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. Product is compatible with standard firefighting agents.

Hazardous Combustion Products: Carbon dioxide and carbon monoxide, Organic compounds, Carbon dioxide (CO₂).

5.3 Advice for Firefighters

Further Information: 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 cleanup 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

Gross spillages should be contained by use of inert absorbent material (e.g. sand, silica gel) and disposed of according to the local regulations. Keep in suitable, closed containers for disposal.



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6.4 Reference to Other Sections

Not applicable.

7. Handling and Storage

7.1 Precautions for Safe Handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Respect good personal hygiene. Do not drink, eat, or smoke while handling. Do not breathe vapours/dust. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Container is hazardous when empty. Avoid exposure – obtain special instructions before use. Avoid contact with skin and eyes. 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

Store in a cool, dry, and ventilated area. 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.

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



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Eye Protection:	Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapour, or mist.
Hygiene Measures:	Wash hands before breaks and at the end of the workday. When using do not eat, drink, or smoke.
Skin Protection:	Wear impervious clothing and safety shoes as appropriate. Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier). Wear protective gloves as appropriate.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Odour:	Characteristic.
Colour:	Colourless.
State:	Liquid.
Freezing Point:	-63.89°C
Boiling Point:	378.00°F (192.22°C)
Melting Point:	Not determined.
Flashpoint (CCCFP):	210°F (98.89°C)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure:	0.09576 hPa (20°C)
Density:	1.15 – 1.25 g/cm ³ (20°C)
Solubility in Water:	Soluble.

10. Stability and Reactivity

10.1 Reactivity:	No decomposition 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, exposure to sunlight, and exposure to moisture.



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- 10.5 Incompatible Materials:** Strong oxidizing agents, strong acids, strong bases, UV light, and isocyanates.
- 10.6 Hazardous Decomposition Products:** No hazardous decomposition products are known.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula".

- 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 to respiratory system.
- Skin Corrosion/Irritation:** May cause skin irritation in susceptible persons.
- Serious Eye Damage/Irritation:** Causes serious eye irritation.
- Respiratory Sensitization:** Not classified – the classification criteria are not met.
- Skin Sensitization:** May cause sensitization by skin contact.
- 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



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Acute Aquatic Toxicity:	No data available.
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:	No data available.
12.4 Mobility in Soil:	No data available.
12.5 Other Adverse Effects:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

13. Disposal Conditions

13.1 Waste Treatment Methods

Do not allow product to enter drains, water courses, or soil. Dispose of in accordance with all local, federal or provincial, and national regulations. Send to a licensed waste management company. 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.

Contaminated Packaging: Empty remaining contents and dispose of unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse 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.	



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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.

Canadian Regulations:

- DSL/NDSL** 100% of the components are listed or exempt.

16. Other Information

GHS H – Statements Referred to Under Section 3

- | | |
|---|---|
| H302: Harmful if swallowed. | H317: May cause an allergic skin reaction. |
| H318: Causes serious eye damage. | H319: Causes serious eye irritation. |
| H330: Fatal if inhaled. | H335: May cause respiratory irritation. |

Remarks:

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