



SAFETY DATA SHEET

This Safety Data Sheet complies with the Canadian Hazardous Product Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives.

1. Product and Supplier Identification

- 1.1 **Product:** Coghlan's Iodine Pads and Swabsticks
- 1.2 **Other Means of Identification:** Found in First Aid Kits 0001, 0002, 0003, 9801, 9802, and 9803
- 1.3 **Product Use:** Disinfecting pads and Swabs
- 1.4 **Restrictions on Use:** None known
- 1.5 **Producer:** Coghlan's Ltd.,
121 Irene Street,
Winnipeg, Manitoba
Canada, R3T 4C7
- Telephone: +1(204) 284-9550
Facsimile: +1(204) 475-4127
Email: info@coghlan.com
- Supplier:** As above
- 1.6 **Emergencies:** +1(877) 264-4526

2. Hazards Identification

- 2.1 **Classification of product or mixture**
Note to reader: This product has been classified according to the manufacturers recommendations.
- GHS Classification:** Eye Irritant, Category 2B
- 2.2 **GHS Label Elements, including precautionary statements**
- Pictogram:** None required
- Signal Word:** Warning
- GHS Hazard Statements:** H320: Causes eye irritation
- GHS Precautionary Statements:**
- Prevention:** P264: Wash exposed skin thoroughly after handling.
- 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.

Storage: None

Disposal: None

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

2.4 Additional Information

Primary Routes of Entry:

Skin Contact: Yes, through cuts or open sores.
 Skin Adsorption: Yes
 Eye Contact: Yes. May cause eye irritation
 Ingestion: No
 Inhalation: Yes. May cause respiratory irritation

Emergency Overview: These wipes are designed for cleansing and disinfecting purposes. Use as directed is recommended to minimize any adverse health effects described in this SDS. Keep the towelette away from eyes so that eye irritation will not occur. Do not inhale vapours.

Effects of Short-Term (Acute) Exposure:

Inhalation: Ethanol readily forms high vapour concentrations. Harmful effects are unlikely to occur since it provides good warning of exposure. Vapours are irritating to the nose and throat well above the odour threshold and well below exposures expected to cause the effects typically associated with alcohol ingestion.

Skin Contact: Ethanol is either not irritating or only mildly irritating to the skin. Stinging may occur if in contact with sores or cuts.

Eye Contact: Direct contact with the wipe is expected to produce moderate to severe irritation. Eye exposure to high vapour concentrations may produce only mild irritation.

Ingestion: Ingestion of sanitizer wipes is extremely unlikely. If a small quantity of sanitizer wipes is accidentally ingested, nausea and vomiting may occur.

Effects of Long-Term (Chronic) Exposure: In some cases, prolonged or continued use of the wipes may cause an irritation of the skin. If an irritation or rash occurs, discontinue use and consult a doctor.

Medical Conditions Aggravated By Exposure: Persons with predisposed skin problems may experience rashes and more severe reaction to contact.

3. Composition

3.1 Mixture composition

Component	% (w/w)	GHS Classification
2-Pyrrolidinone, 1-ethenyl-, homopolymer compound with iodine CAS No 25655-41-8 EINECS No. Not known	7 - 13	Eye Irritant, Category 2B
Sodium Hydroxide, CAS No 144-55-8 EINECS No 205-633-8	<0.1	Corrosive to metals, Category 1 Skin Corrosion, Category 1 Serious Eye Damage, Category 1 Acute Aquatic Toxicity, Category 3
Pad/swab and water	92 - 94	Not applicable

4. First Aid Measures

4.1 Description of First Aid Measures

General advice: Use as directed to clean and sterilize skin or surface areas. Do not place in contact with eyes. Do not breathe vapours.

In case of eye contact: Rinse eyes with cool water for 15 minutes holding the eyelid(s) open. Seek medical attention if irritation persists. Seek medical attention.

In case of skin contact: If irritation is experienced, discontinue use. If irritation persists, seek medical attention.

If inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

If ingestion: Do NOT induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice. Never give anything to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

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Medical Conditions Aggravated By Exposure: Persons with predisposed skin problems may experience rashes and more severe reaction to contact.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media: Use methods appropriate for the surrounding fire. Suggested: CO₂, dry chemical powder, or alcohol resistant foam.

5.2 Special hazards arising from mixture: None expected

Advice for firefighters: Evacuate area and fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Do not enter confined fire space without proper personal protection. Use approved positive pressure self-contained breathing apparatus. If possible, isolate materials not yet involved in the fire, and move containers from fire area if this can be done without risk, and protect personnel. Otherwise, fire-exposed containers or tanks should be cooled by application of hose streams and this should begin as soon as possible and should concentrate on any unwetted portions of the container.

5.3 Further Information:

Sensitivity to Impact: No
Sensitivity to Static Discharge: No

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) HAZARD INDEX:

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

CHRONIC HEALTH:

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Respiratory Protection: When levels exceed OSHA PEL, use appropriate respiratory protection. Do not inhale vapours.

Skin protection: For large spills, wear gloves

Eye and Face Protection: For large spills, wear safety glasses. For small spills, no face or eye protection needed. Be very careful to keep towelettes away from eyes if cleaning the face.

Footwear: No specific recommendation.

Other: None

6.2 Environmental precautions

Prevent large quantities of this product discharging into waterways or sewers.

Methods and materials for containment and cleanup

Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Remedial Measures: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

Large Spills: Large spills not likely to occur.

Small Spills: Scoop up spilled contents and place in appropriate containers for disposal. Label appropriately for disposal. Wash spill area with water.

6.3 Reference to other sections

For disposal, see Section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Handling Procedures: Avoid contact with eyes. Do not ingest. Do not smoke when using these towelettes.

7.2 Conditions for safe storage, including incompatibilities

Storage: *Keep out of reach of children and animals.* Keep container tightly closed and in a cool, well-ventilated place. Keep away from foodstuffs.

7.3 Specific end use(s)

No other uses except those mentioned in Section 1.3

8. Exposure Controls, Personal Protection

8.1 Control parameters

Components with workplace control parameters

Ingredients do have any occupational exposure limits.

8.2 Exposure Controls

Respiratory Protection: Normal room ventilation is usually adequate under recommended use conditions. When levels exceed OSHA PEL, use appropriate respiratory protection. Do not inhale vapours.

Skin protection: For large spills, wear gloves

Eye and Face Protection: For large spills, wear safety glasses. For small spills, no face or eye protection needed. Be very careful to keep towelettes away from eyes if cleaning the face.

Footwear: No specific recommendation.

Other: None

Control of environmental exposure

Prevent from entering the environment through natural waterways, sewers or drains.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid saturated on pad, yellow to dark reddish brown
Odour:	Characteristic
Odour Threshold:	Iodine
pH:	Not available
Melting Point/Freezing Point:	Not determined
Initial Boiling Point (range):	97.22°C
Flash Point:	Not flammable
Evaporation Rate:	Not determined
Flammability:	Not flammable
Upper Explosion Limit:	Not applicable
Lower Explosion Limit:	Not applicable
Vapour Pressure:	Not determined
Vapour Density (air = 1):	Not determined
Relative Density:	0.877 (water = 1), liquid
Solubility in Water:	Pad not soluble, chemical is soluble.
Partition Coefficient:	Not determined
Autoignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not determined
Explosive Properties:	Not available
Oxidizing Properties:	Not available
Percent Volatiles:	Not determined
Pour Point:	Not available

9.2 Other safety information: None

10. Stability and Reactivity

- 10.1 Reactivity**
No dangerous reactions known under conditions of normal use and storage.
- 10.2 Chemical Stability**
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions**
No dangerous reactions known under conditions of normal use and storage.
- 10.4 Conditions to avoid**
Contact with incompatibles.
- 10.5 Incompatible materials**
Bases, acids and oxidizers.
- 10.6 Hazardous decomposition products**
May include and are not limited to: Oxides of carbon, hydrogen chloride gas.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

No GHS classification

Skin corrosion/irritation

No GHS classification

Serious eye damage/eye irritation

Eye Irritation, Category 2B, H320: Causes eye irritation.

Respiratory or skin sensitization

No GHS classification

Germ Cell Mutagenicity

No GHS classification

Carcinogenicity

No GHS classification. Not listed by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity

No GHS classification

Specific Target Organ Toxicity – Single exposure

No GHS classification

Specific Target Organ Toxicity – Repeated exposure

No GHS classification

Aspiration Hazard

No GHS classification

Aquatic Toxicity

No GHS classification

Additional information

Component	LD ₅₀	LC ₅₀
<i>2-Pyrrolidinone, 1-ethenyl-, homopolymer compound with iodine</i> CAS No 25655-41-8	8100 mg/kg (oral/mouse)	Not available
<i>Sodium Hydroxide</i> CAS No 1310-73-2	Not available	Not available

12. Ecological Information

12.1 Toxicity

*2-Pyrrolidinone, 1-ethenyl-, homopolymer
compound with iodine:*

Fish: LC₅₀: Oncorhynchus Mykiss, 1050 mg/l, 1 hour

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not conducted

12.6 Other adverse effects

No data available

13. Disposal Considerations

13.1 Waste treatment methods

Product:

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

Contaminated Packaging:

As above

14. Transport Information

Transport of Dangerous Goods (TDG and CLR): Not regulated

United States Department of Transport (49CFR): Not regulated

International Air Transport Association (IATA): Not regulated

International Maritime Organization (IMO): Not regulated

15. Regulatory Information

CANADIAN FEDERAL REGULATIONS:

CEPA, DOMESTIC SUBSTANCES LIST: Listed

AMERICAN FEDERAL REGULATIONS:

TSCA (Toxic Substance Control Act): Not regulated

SARA 302 Extremely hazardous substance: None listed

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): None listed.

Other State regulations:

Massachusetts Right to Know Components:

None listed

Pennsylvania Right to Know Components:

2-Pyrrolidinone, 1-ethenyl-, homopolymer compound with iodine Revision Date not listed
CAS No 25655-41-8

New Jersey Right to Know Components:

2-Pyrrolidinone, 1-ethenyl-, homopolymer compound with iodine Revision Date not listed
CAS No 25655-41-8

California Prop 65 Components: This product does not contain a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OTHER:

None

16. Other Information

Original Preparation Date: March 29, 2018

Prepared by: Technical Department, Coghlan's Ltd.

Disclaimer: This Safety Data Sheet (SDS) was prepared using information provided by CCINFO, ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Seventh Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. Coghlan's Ltd expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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Revisions: None