

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

- Product Name(s): **Gentle Iodine Wound Spray**
- Product Part Number(s): **79214, 79215**
- Brand(s): Ideal® Animal Health

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/preparation: Topical antiseptic for use on domestic animals.
- Uses advised against: For external use on animals only. Not for human use. Not for use on burns, in body cavities, or in deep wounds.

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: Diversified Manufacturing Corporation for Neogen Corporation
- Address of Manufacturer: 944 Nandino Blvd.
Lexington, Kentucky 40511
USA
- Telephone: 859/254-1221 • 800/621-8829
- Email: Inform@neogen.com

1.4 Emergency telephone number

- Emergency Telephone: Chemtrec: 1 (800) 424-9300
Outside USA and Canada: +1 (703) 527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (29 CFR 1910.1200)

- Specific target organ toxicity (single exposure), Cat. 3, H335, Specific target organ toxicity (repeated exposure), Cat. 1, H332

Classification (WHMIS 2015 HPR)

- Specific target organ toxicity (single exposure), Cat. 3, H335, Specific target organ toxicity (repeated exposure), Cat. 1, H332

Additional information: For full text of Hazard statements: see Section 16.

2.2 Label elements



GHS08

- Signal Word: **Danger**
- Symbols: GHS08
- Hazard phrases
 - May cause respiratory irritation.
 - Causes damage to the thyroid gland (hypothyroidism) through prolonged or repeated exposure.
- Precautionary Phrases
 - Avoid breathing fume/gas/mist/vapors/spray.
 - Wash hands thoroughly after handling.
 - Use only outdoors or in a well-ventilated area.
 - Do not eat, drink, or smoke when using this product.
 - If inhaled: If breathing is difficult remove person to fresh air and keep comfortable for breathing.
 - Call a poison center or doctor/physician if you feel unwell.
 - Store in a well-ventilated place. Keep container tightly closed.
 - Store locked up.
 - Dispose of contents/container in accordance with local/regional/national/international regulations.
 - Avoid prolonged contact with eyes, skin, or clothing.

2.3 Other hazards

- May be irritating to eyes or skin.
- Keep out of reach of children.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

This product is a mixture of the substances listed below with the addition of non-hazardous materials

Chemical	Concentration	CAS No.	H-Statements	Symbols
Iodine	1.00%	7553-56-2	H312, H315, H319, H332, H335, H372, H400	GHS07, GHS08, GHS09

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

- For full text of Hazard statements: see Section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

- General
 - In case of doubt, or when symptoms persist, seek medical attention.
 - If used as directed, this product is not hazardous to humans or animals, but like any other chemical, it should be treated with care, respect, and common sense.
- Contact with skin
 - Remove contaminated clothing.
 - Wash affected area with plenty of soap and water.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - Contaminated clothing should be laundered before reuse.
- Contact with eyes
 - If substance has gotten into eyes, rinse with plenty of water for at least 15 minutes.
 - Irrigate eyes thoroughly while lifting eyelids.
 - Seek medical advice if necessary.
- Ingestion
 - Rinse mouth with water (do not swallow).
 - Never make an unconscious person vomit or drink fluids.
 - If medical advice is needed, have product container or label at hand.
- Inhalation
 - May cause respiratory irritation.
 - If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
 - Call a poison center or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- The most important known symptoms are described in the labeling (see Section 2.2) and/or in Section 11.
- Prolonged or repeated contact causes damage to the thyroid gland (hypothyroidism). Seek specialist medical attention if you or your doctor/physician suspect overexposure.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.
- Monitor symptoms related to the endocrine system.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water spray, foam, carbon dioxide or dry agent for extinction.

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure.
- Avoid releasing excess wastewaters to the environment.
- See Section 10.

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water.
- Wear chemical protection suit and positive-pressure breathing apparatus, if necessary.
- Wear protective clothing as per Section 8.

5.4 Hazardous Combustion Products

- May include carbon oxides.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- Spills should be cleaned up immediately to avoid slip and fall accidents and injuries.
 - Wear protective clothing as per Section 8.
 - Evacuate personnel not directly involved in spill clean-up.
 - Shut off source of leak/release, if safe to do so.
 - Shut down and/or remove equipment in spill area, if safe to do so.
 - Wash thoroughly after dealing with spillage.
- 6.2 Environmental Precautions
- Do not allow to enter public sewers and watercourses.
 - Avoid releasing to the environment.
- 6.3 Methods and material for containment and cleaning up
- Absorb spillage in inert material and shovel up.
 - Dike large spills as necessary.
 - Place in sealable containers and label them.
 - Ventilate the area and wash spill site after material pick-up is complete.
 - Dispose of contaminated materials, rinsates, and wastes in accordance with local/national/international regulations.
- 6.4 Reference to other sections
- See Section 7 for storage. For disposal, see Section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
- Do not breathe mist/vapors/fumes/spray.
 - Avoid contact with skin and eyes.
 - Do not eat, drink, smoke, or apply cosmetics when using this product.
 - Ensure adequate ventilation.
 - Eyewash bottles should be available.
 - Wash hands thoroughly after using this substance.
- 7.2 Conditions for safe storage, including any incompatibilities
- Store controlled room temperature between 20-25°C (56-77°F).
 - Protect from light.
 - Avoid excessive heat (104°F).
 - Keep lid tightly closed when not in use.
 - Keep out of reach of children.
- 7.3 Specific end use(s)
- Topical antiseptic for use on domestic animals.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS No.	Value	Control Parameters	Basis
Iodine	7553-56-2	Ceiling	0.1 ppm, 1 mg/m ³	USA-ACGIH Threshold Limit Values (TLV)
		Ceiling	0.1 ppm, 1 mg/m ³	USA-OSHA Table Z-1 Limits for Air Contaminants - 1910.1000
	Remarks:	The value in mg/m ³ is approximate. Ceiling limit is to be determined from breathing-zone air samples.		
		Ceiling	0.1 ppm, 1 mg/m ³	USA-NIOSH Recommended Exposure Limits
		TWA	0.01 ppm	USA-ACGIH Threshold Limit Values (TLV)
		STEL	0.1 ppm	USA-ACGIH Threshold Limit Values (TLV)
	Remarks:	Upper respiratory tract irritation. Hypothyroidism. Not classifiable as a human carcinogen.		
		Ceiling	0.1 ppm, 1 mg/m ³	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

SECTION 8: Exposure controls/personal protection (continued)

8.2 Exposure controls

- Eyewash bottles should be available.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved respiratory protection.
- Wear protective gloves to prevent prolonged or repeated skin contact.
- Wear safety glasses approved to standard for ANSI Z87, according to the concentration and amount of dangerous substance at the specific workplace.
- Wear suitable protective clothing in accordance with good industrial hygiene and safety practices in the event of prolonged exposure to bulk quantities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Dark brown liquid
- Odor: Pungent, slightly metallic, sulfur odor
- pH: 4.0-5.0
- Melting Point/Range: Not applicable
- Boiling Point/Range: No information available
- Flashpoint: No information available
- Evaporation Rate: No information available
- Flammability: No information available
- Vapor Pressure: No information available
- Vapor Density: No information available
- Specific Gravity: 1.02 ± 0.01
- Solubility in water: Soluble
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: Product is not self-igniting
- Viscosity: No information available
- Explosive Properties: Product does not present an explosion hazard
- Oxidizing Properties: Product is not classified as an oxidizer

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

- Avoid exposure to light.

10.5 Incompatible materials

- None known

10.6 Hazardous Decomposition Products

- None known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No experimental test data available for mixture
- Contact with skin
 - May cause redness and irritation in sensitive individuals.
 - Based on available data, the classification criteria are not met.
- Contact with eyes
 - May cause redness and irritation in sensitive individuals.
 - Based on available data, the classification criteria are not met.

SECTION 11: Toxicological information (continued)

- Ingestion
Product is not toxic, but may cause irritation of the throat and/or nausea in sensitive individuals.
Prolonged or repeated exposure causes damage to the thyroid gland (hypothyroidism).
Based on available data, the toxicity classification criteria are not met.
- Inhalation
May cause respiratory irritation if inhaled.
- Carcinogenicity
Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.
Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.
Not listed in OSHA standard 1910.1003 Carcinogens.
- Mutagenicity
No evidence of mutagenic effects.
- Teratogenicity
No evidence of teratogenic effects.

SECTION 12: Ecological information

12.1 Toxicity

Sodium Carbonate

Toxicity to fish

LC₅₀ – Oncorhynchus mykiss (Rainbow trout) – 1.7 mg/L-96h

Toxicity to daphnia and other aquatic invertebrates

EC₅₀ – Daphnia magna (Water flea) – 0.2 mg/L-48h

Toxicity to algae

Growth inhibition EC₅₀ – Desmodesmus subspicatus (Green algae) – 0.13 mg/L (OECD Test Guideline 201)

12.1 Persistence and degradability

- No information available

12.2 Bioaccumulation Potential

- No information available

12.3 Mobility in soil

- No information available

12.5 Other Adverse Effects

- To the best of our knowledge, the properties of this material have not been fully evaluated.
- On available data, substance is not harmful to the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, regional, national, and/or international regulations.
- Do not discharge into drains or the environment, dispose to an authorized waste collection point.
- Do not reuse empty containers.

SECTION 14: Transport information

14.1 UN Number

- Not classified as hazardous for transport

14.2 UN Proper Shipping Name

- Not applicable

14.3 Transport hazard class(es)

- Not applicable

14.4 Packing group

- Not applicable

14.5 Environmental hazards

- Not classified

SECTION 14: Transport information (continued)

14.6 Special precautions for user

- Not classified

14.7 Domestic Surface Transport (US DOT)

- Proper Shipping Name: Not applicable
- DOT UN No.: Not applicable
- DOT Hazard Class: Not applicable
- DOT Packing Group: Not applicable

14.8 International Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Ocean/Sea (IMO/IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable
- ICAO UN No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The labeling requirements of the Federal Food, Drug, and Cosmetic Act differ from the classification criteria and hazard information required for safety data sheets and for workplace labels under the OSHA Hazard Communication Standard 29 CFR 1910.1200. Following is the hazard information as required on the drug label:

KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL USE ONLY
NOT FOR HUMAN USE
FOR EXTERNAL USE ONLY

- NDC(s): 59051-227-16, 59051-227-01

15.2 United States Regulatory Information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Toxic Substance Control Act (TSCA)

This product is exempt from TSCA under Section 3(2)(B)(vi) when used for pharmaceutical application.

SECTION 15: Regulatory information (continued)State Right-to-Know

Massachusetts

Iodine, CAS No. 7553-56-2

New Jersey

Iodine, CAS No. 7553-56-2

Pennsylvania

Iodine, CAS No. 7553-56-2

15.3 Canadian Regulatory Information

- This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). The labelling may differ subject to the requirements of the Food and Drugs Act (FDA).
- WHMIS Classification: Exempt
- Inventory Status
 - Domestic Substances List (DSL) Listed
 - Non-Domestic Substances List (NDSL) Not listed

SECTION 16: Other information

Document Number: SDS-9029, Gentle Iodine Wound Spray

Date of Preparation: June 22, 2016

Revision: Rev. 0

Replaces: New issue

Text not given with phrase codes where they are used elsewhere in this safety data sheet: H312: Harmful in contact with skin. H315: Causes skin irritation. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H372: Causes damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life.

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.