

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
 Trade name : Ideal® Animal Health Gentle Iodine Wound Spray  
 Product code : 79215

#### 1.2. Other means of identification

Part Number(s) : 79214|79215

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : For animal use only  
 Restrictions on use : Not for human use

#### 1.4. Supplier's details

##### Supplier

Neogen Corporation  
 620 Leshar Place  
 Lansing, Michigan 48912  
 United States of America  
 T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com) - <https://www.neogen.com/>

##### Manufactured for

Neogen Corporation  
 944 Nandino  
 Lexington, Kentucky 40511  
 U.S.A.  
 T 859-254-1221  
[NEOGEN.com](http://NEOGEN.com)

#### 1.5. Emergency phone number

Emergency number : 24 hours:  
 Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)  
 Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Specific target organ toxicity — Repeated exposure, Category 1	H372	Causes damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment — Acute Hazard, Category 2	H401	Toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412	Harmful to aquatic life with long lasting effects.

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) : 

Signal word (GHS US) : Danger  
 Hazard statements (GHS US) : H318 - Causes serious eye damage  
 H372 - Causes damage to organs through prolonged or repeated exposure  
 H401 - Toxic to aquatic life  
 H412 - Harmful to aquatic life with long lasting effects

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according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Precautionary statements (GHS US) : P260 - Do not breathe dust, fume, gas, mist, vapors, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P314 - Get medical advice or attention if you feel unwell.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

13% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Alcohols, C12-15, ethoxylated	CAS-No.: 68131-39-5	7 – 13	Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Iodine	CAS-No.: 7553-56-2	≤ 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.  
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a poison center/doctor/physician if you feel unwell.  
Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.  
Symptoms/effects after skin contact : Irritation.  
Symptoms/effects after eye contact : Serious damage to eyes. stinging, redness, itching, tears.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

#### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate area. Keep upwind. Avoid contact with skin and eyes. No flames, no sparks. Eliminate all sources of ignition. Ventilate spillage area. Evacuate unnecessary personnel.

#### For emergency responders

Protective equipment : Wear recommended personal protective equipment. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.  
Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb spilled material with sand or earth. Stop leak, if possible without risk.

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Methods for cleaning up : Take up liquid spill into absorbent material. This material and its container must be disposed of in a safe way, and as per local legislation.

For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Take precautionary measures against static discharge.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Protect from moisture.

Incompatible products : Strong acids. Oxidizing agent.

Packaging materials : Always store product in container of same material as original container.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

Iodine (7553-56-2)	
<b>USA - ACGIH® - Threshold Limit Values</b>	
Local name	Iodine, as I
ACGIH® TLV® TWA	0.01 mg/m <sup>3</sup> (IFV - Inhalable fraction and vapor)
	0.001 ppm (IFV - Inhalable fraction and vapor)
Remark (ACGIH®)	TLV® Basis: Thyroid & Female repro eff; Fetal & Neonatal dam. Notations: Skin; A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2025
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Iodine
OSHA PEL C	1 mg/m <sup>3</sup>
	0.1 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide local exhaust or general room ventilation.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

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<b>Hand protection:</b>
Wear protective gloves
<b>Eye protection:</b>
Chemical goggles or face shield
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment. Wear respiratory protection.

### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: dark brown
Odor	: Strong Pungent
Odor threshold	: No data available
pH	: $\geq 4 - \leq 5.5$
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.012
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### Ideal® Animal Health Gentle Iodine Wound Spray

Unknown acute toxicity (GHS US)	13% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
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#### Alcohols, C12-15, ethoxylated (68131-39-5)

LD50 oral rat	> 5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 oral	5000 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rat, Male / female, Experimental value, Dermal)
LD50 dermal	2500 mg/kg
LC50 Inhalation - Rat	> 1.6 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Read-across, (maximum achievable concentration), Inhalation (aerosol))
ATE US (oral)	5000 mg/kg body weight
ATE US (dermal)	2500 mg/kg body weight

#### Iodine (7553-56-2)

LD50 oral rat	315 mg/kg Source: ECHA
LD50 oral	315 mg/kg
LD50 dermal rabbit	1425 – 2000 mg/kg body weight (EPA OPPTS 870.1200: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LD50 dermal	3333 mg/kg
LC50 Inhalation - Rat	> 4.588 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust), 14 day(s))
LC50 Inhalation - Rat (Dust/Mist)	> 4.588 mg/l Source: ECHA

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<b>Iodine (7553-56-2)</b>	
LC50 Inhalation - Rat (Vapors)	0.363 mg/l/4h
ATE US (oral)	315 mg/kg body weight
ATE US (dermal)	1425 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	0.363 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified pH: $\geq 4 - \leq 5.5$
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
pH	5.5 – 6.5 Source: Corporate Solution From Thomson Micromedex
<b>Iodine (7553-56-2)</b>	
pH	5.4
Serious eye damage/irritation	: Causes serious eye damage. pH: $\geq 4 - \leq 5.5$
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
pH	5.5 – 6.5 Source: Corporate Solution From Thomson Micromedex
<b>Iodine (7553-56-2)</b>	
pH	5.4
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
NOAEL (oral,rat,90 days)	$\geq 1000$ mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Iodine (7553-56-2)</b>	
NOAEL (oral,rat,90 days)	10 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
Viscosity, kinematic	28.6 mm <sup>2</sup> /s (20 °C, ISO 3104: Determination of kinematic viscosity and calculation of dynamic viscosity)
<b>Iodine (7553-56-2)</b>	
Viscosity, kinematic	0.46 mm <sup>2</sup> /s
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Serious damage to eyes. stinging. redness, itching, tears.
Symptoms/effects after ingestion	: None under normal conditions.

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### SECTION 12 Ecological information

#### 12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life.  
Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Alcohols, C12-15, ethoxylated (68131-39-5)	
LC50 - Fish [1]	1.3 – 1.7 mg/l (96 h, Oncorhynchus mykiss, Fresh water, Experimental value)
EC50 - Crustacea [1]	0.14 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
EC50 - Other aquatic organisms [1]	0.88 mg/l Test organisms (species): other:
EC50 72h - Algae [1]	0.75 mg/l (Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)
EC50 96h - Algae [1]	0.7 mg/l Source: ECOTOX
ErC50 algae	0.7 mg/l

Iodine (7553-56-2)	
LC50 - Fish [1]	1.67 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	0.16 mg/l
EC50 72h - Algae [1]	0.13 mg/l (OECD 201: Alga, Growth Inhibition Test, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)

#### 12.2. Persistence and degradability

Ideal® Animal Health Gentle Iodine Wound Spray	
Persistence and degradability	Not rapidly degradable

Alcohols, C12-15, ethoxylated (68131-39-5)	
Persistence and degradability	Readily biodegradable in water.

Iodine (7553-56-2)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

#### 12.3. Bioaccumulative potential

Alcohols, C12-15, ethoxylated (68131-39-5)	
BCF - Fish [1]	232.5 (24 h, Pimephales promelas, Flow-through system, Fresh water, Read-across)
Partition coefficient n-octanol/water (Log Pow)	2.03 – 6.24 (QSAR, KOWWIN)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Iodine (7553-56-2)	
Partition coefficient n-octanol/water (Log Pow)	2.49 (QSAR, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

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### 12.4. Mobility in soil

#### Alcohols, C12-15, ethoxylated (68131-39-5)

Surface tension	22 – 29 mN/m (20 °C, 0.5 vol %)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.96 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Low potential for mobility in soil.

#### Iodine (7553-56-2)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.21 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

### 12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

## SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information	: Do not re-use empty containers.
Ecological waste information	: Avoid release to the environment.

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

### 14.6. Transport in bulk

Not applicable

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### 14.7. Special precautions for user

#### DOT

Not regulated

#### TDG

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are exempt or present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

No additional information available

### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 12/19/2025

Issue date : 11/24/2025

### Full text of hazard classes and H-statements

H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H332	Harmful if inhaled
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.