



STERIS®

Wescodyne®

Disinfectant
Safety Data Sheet

according Federal Register/Vol. 77, No. 58 /Monday, March 28, 2012/Rules and Regulation

Date of issue: 08/18/2015

Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Wescodyne® Disinfectant
Product code : NJ138

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Disinfectant

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Manufactured for:

STERIS Corporation
P. O. Box 147, St. Louis, MO 63166, US
Telephone Number for Information: 1-800-444-9009 (Customer Service - Scientific Products)
US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Corr. 1B H314
Eye Dam. 1 H318
STOT SE 3 H335
Met. Corr. 1 H290

Full text of H-phrases: see Section 16.

2.2. Label elements – This label is regulated by the EPA under FIFRA. Refer to Section 15.

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

GHS05

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.
H335 - May cause respiratory irritation.

Precautionary statements (GHS-US) :

P260 - Do not breathe vapours, mist, spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
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/physician.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other hazards

No additional data available.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Iodine	(CAS No) 7553-56-2	0 - 5	Acute Tox 4 (Dermal), H312 Acute Tox 4 (Inhalation) H332
Phosphoric acid	(CAS No) 7664-38-2	10 - 20	Met. Corr 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation: dust, mist), H331 Skin Corr. 1B, H314

Full text of H-phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove patient to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Immediately get medical attention.
First-aid measures after skin contact	: Immediately flush skin with plenty of water for at least 15 minutes. Remove/Take off immediately all contaminated clothing. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Give water to drink if victim completely conscious/alert. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Corrosive to eyes and skin. Causes severe skin burns and eye damage.
Symptoms/injuries after skin contact	: Severe skin irritant. Effects of skin contact may include: irritation and burning feeling.
Symptoms/injuries after eye contact	: Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Note to Physician	: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product causes burns of the eyes, skin and mucous membranes.
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5.3. Advice for firefighters

Protective equipment for firefighters	: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Do not breathe fumes, vapors. Avoid contact with skin, eyes and clothes. Use personal protective equipment.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear protective gloves and eye/face protection. For further information refer to Section 8: Exposure-controls/personal protection.
Emergency procedures	: Stop leak if safe to do so. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Soak up spills with inert absorbent material. Keep in suitable, closed containers for disposal.
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6.4. Reference to other sections

See Heading 8: Exposure controls and personal protection. Concerning disposal elimination, see Section 13 : Disposal Considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
 Hygiene measures : Wash hands thoroughly after handling. Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Do not store below 25°F or above 100°F for extended periods.
 Do not contaminate water, food or feed by storage or disposal.
 Technical measures : A washing facility/water for eye and skin cleaning purposes should be present. Provide adequate ventilation. Comply with applicable regulations.
 Storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated place.
 Storage area : Store in dry, cool, well-ventilated area.
 Special rules on packaging : Correctly labelled.
 Incompatible Materials : Alkalis, strong oxides, chlorinated products and reducing agents

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Iodine (7553-56-2)		
USA ACGIH TLV	TWA: 0.01 ppm	STEL 0.1 ppm
USA OSHA PEL	Ceiling: 0.1 ppm	Ceiling 1 mg/ m ³
USA NIOSH	IDLH	2 ppm
Phosphoric acid (7664-36-2)		
USA ACGIH TLV	TWA 1/mg/m ³	STEL 3 mg/m ³
USA OSHA PEL	TWA: 1mg/m ³	STEL 3 mg/m ³
USA NIOSH	IDLH	1000 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
 Personal protective equipment : Personal protective equipment should be selected based upon the conditions under which this product is handled or used.



Hand protection : Wear rubber gloves.
 Eye protection : Wear chemical goggles.
 Skin and body protection : Prevent skin contact.
 Respiratory protection : If exposure limits are exceeded or irritation is experienced, NOISH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protections must be provided in accordance with current local regulations.
 Other information : Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety practices. Removed and wash contaminated clothing before re-use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Color : Dark Brown
 Odor : No data available
 Odor threshold : No data available
 pH (Cconcentrated) : 2

Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific Gravity	: 1.114 g/ml
Solubility	: Water: soluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available.
Density	: 9.5 lb/gal

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Gives off hydrogen by reaction with some metals (e.g. aluminum).

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Bases, organic materials, light metals, bleach

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed. Harmful if inhaled.

Iodine (7553-55-2)	
LD50 oral	14000 mg/kg
LC50 inhalation	137 ppm
Phosphoric acid (7664-38-2)	
LD50 oral rat	= 1530 mg/kg (rat)
LD50 dermal	2730 mg/kg (rabbit)
LC50 inhalation	850mg/m ³ (rat) 1 h

Skin corrosion/irritation	: Causes severe skin burns. (pH = 2)
Serious eye damage/irritation	: Causes eye damage. (pH = 2)
Respiratory or skin sensitisation	: No information available.
Germ cell mutagenicity	: No information available.
Carcinogenicity	: No information available.
Reproductive toxicity	: No information available.
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.

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Specific target organ toxicity (repeated exposure)	: No information available.
Aspiration hazard	: No information available.
Potential Adverse human health effects and symptoms	: No information available.

SECTION 12: Ecological information

12.1. Toxicity

16.12% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Iodine (7553-56-2)	
LC50 fish	0.53mg/L (96 h)
LC50 waterflea	0.16 mg/L (48 h)

Phosphoric acid (7664-38-2)	
LC50 fish	3 - 3.5: (96 h) Gambusia
EC50 Daphnia	4.6: (12 h) Daphnia magna mg/L EC50

12.2. Persistence and degradability

Wescodyne® Disinfectant	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential

Wescodyne® Disinfectant	
Bioaccumulative potential	No information available.

12.5. Other information

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Open dumping is prohibited.
Additional information	: CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drane for 10 seconds. Pour rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this process two more times. Then offer for recycling or reconditioning if available. If not, puncture and dispose of in a santiary landfill or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT	
Transport document description	: UN 1903, DISINFECTANTS, LIQUID CORROSIVE, N.O.S. (Contains Phosphoric Acid), 8, PG II
Proper Shipping Name	: DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
UN-No.(DOT)	: 1903
UN-No.(DOT)	: UN1903
Department of Transportation (DOT) Hazard Classes	: 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT)	: 8 - Corrosive



Packing group (DOT)	: II
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Additional information

Other information	: No supplementary information available.
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Road transport

Class: ADR/RID : UN 1903 DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (Contains Phosphoric Acid), 8, PG II

Sea transport

Class: IMDG : UN 1903 DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (Contains Phosphoric Acid), 8, PG II

Air transport

Class: ICAO/IATA : Restricted

SECTION 15: Regulatory information

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

EPA FIFRA Pesticide Product Notice	This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
EPA FIFRA Signal Word	Danger
EPA FIFRA Hazard Statements	Keep Out of Reach of Children
EPA FIFRA Precautionary Statements	Hazards to Humans and Domestic Animals
	Corrosive.
	Causes irreversible eye damage.
	Wear goggles or face shield when handling this product.
	Harmful if swallowed.
	Avoid contact with skin.
	Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
	Remove contaminated clothing and wash before reuse.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

15.3. US State regulations

This product does not contain any California Proposition 65 chemicals.

SECTION 16: Other information

Revision Date : 08/18/2015

Other information : None

Full text of H phrases:

Met.Corr. 1	May be corrosive to metals
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox 3 (Inhalation, dust, mist)	Acute toxicity (inhalation, dust, mist) Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity (single exposure), Category 3
H290	Corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation

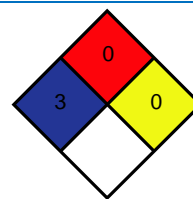
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- NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and is not reactive with water.



SDS US GHS

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.