

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

1.1 Product identifier

- Product Name(s): **Isopropyl Alcohol 70%**
- Product Part Number(s): **79200, 79201**
- Brand(s): Ideal® Animal Health

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

- Use of the substance/preparation: For use as a topical antiseptic, disinfectant, and rubefacient on domestic animals.
- Uses advised against: For external use only. For animal use only. Not for human use.

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: 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)

- Flammable liquids, Cat. 2, H225, Eye irritation, Cat. 2A, H319, Specific target organ toxicity (single exposure), Cat. 3, H336

Classification (WHMIS 2015 HPR)

- Flammable liquids, Cat. 2, H225, Eye irritation, Cat. 2A, H319, Specific target organ toxicity (single exposure), Cat. 3, H336

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

2.2 Label elements



GHS02



GHS07

- Signal Word: **Danger**
- Symbols: GHS02, GHS07
- Hazard phrases
 - Highly flammable liquid and vapor.
 - Causes serious eye irritation.
 - May cause drowsiness or dizziness.
- Precautionary Phrases
 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 - Ground/bond container and receiving equipment.
 - Use only non-sparking tools.
 - Take precautionary measures against static discharge.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Wash hands thoroughly after handling.
 - Avoid breathing fume/mist/vapors/spray.
 - Use only outdoors or in a well-ventilated area.
 - If on skin (or hair): Immediately remove all contaminated clothing. Rinse skin with water/shower.
 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
 - If inhaled: If breathing is difficult remove person to fresh air and keep comfortable for breathing.

SECTION 2: Hazards identification (continued)

Call a poison center or doctor/physician if you feel unwell.
In case of fire: Use water spray, foam, carbon dioxide or dry agent for extinction.
Store locked up.
Store in a cool, well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

- May be irritating to skin and mucosa.
- 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 |
|-------------|---------------|---------|------------------|--------------|
| Isopropanol | 70.00% | 67-63-0 | H225, H319, H336 | GHS02, GHS07 |

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.
Remove contact lenses, if present and easy to do. Continue rinsing.
Seek medical advice if irritation persists.
- Ingestion
Rinse mouth with water (do not swallow).
Never make an unconscious person vomit or drink fluids.
If medical advice is needed, have product SDS, container, or label at hand.
- Inhalation
May cause drowsiness or dizziness 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.

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.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

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

SECTION 5: Fire-fighting measures (continued)

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure.
- 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 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 eyes and mucosa.
- 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 15-30°C (59-86°F).
- **Flammable.** Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Keep container tightly closed when not in use.
- Keep out of reach of children.

7.3 Specific end use(s)

- For use as a topical antiseptic, disinfectant, and rubefacient on domestic animals..
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

| Component | CAS No. | Value | Control Parameters | Basis |
|-------------|----------|------------------------------------|---------------------------------|------------------------------------------------------------|
| Isopropanol | 67-63-0 | TWA | 400 ppm; 980 mg/m ³ | USA-OSHA Table Z-1 Limits for Air Contaminants - 1910.1000 |
| | | TWA | 400 ppm; 980 mg/m ³ | USA-NIOSH Recommended Exposure Limits |
| | | STEL | 500 ppm; 1225 mg/m ³ | USA-NIOSH Recommended Exposure Limits |
| | | TWA | 200 ppm | USA-ACGIH Threshold Limit Values (TLV) |
| | | STEL | 400 ppm | USA-ACGIH Threshold Limit Values (TLV) |
| | Remarks: | Central nervous system impairment | | |
| | | Upper respiratory tract irritation | | |
| | | Eye irritation | | |

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: Clear liquid
- Odor: Alcohol-like
- pH: No information available
- Melting Point/Range: Not applicable
- Boiling Point/Range: No information available
- Flashpoint: 74°F
- Evaporation Rate: No information available
- Flammability: Product is a Category 2 Flammable liquid
- Vapor Pressure: No information available
- Vapor Density: No information available
- Specific Gravity: 0.855 ± 0.005
- 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.

SECTION 10: Stability and reactivity (continued)

10.4 Conditions to avoid

- Avoid exposure to excessive heat, sparks, and open flame.

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
- ATEmix = 5,045 mg/kg (oral)
- Contact with skin
Prolonged exposure may cause drying, cracking, or irritation in sensitive individuals.
Based on available data, the classification criteria are not met.
- Contact with eyes
Causes serious eye irritation.
- Ingestion
Product is not toxic, but may cause irritation of the throat and/or nausea in sensitive individuals.
Based on available data, the classification criteria are not met.
- Inhalation
May cause drowsiness or dizziness.
Prolonged or excessive exposure to fumes/mists/sprays by inhalation may cause damage to the central nervous system.
- Carcinogenicity
Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.
Listed as Group 3, Not classifiable as to its carcinogenicity to humans, in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112: Isopropanol, CAS No. 67-63-0.
Not listed in OSHA standard 1910.1003 Carcinogens.
- Mutagenicity
No evidence of mutagenic effects.
- Teratogenicity
No ingestion and prolonged/repeated inhalation of alcohols and alcohol vapors may damage the unborn child.

SECTION 12: Ecological information

12.1 Toxicity

Isopropanol

Toxicity to fish

LC₅₀ – Pimephales promelas (Fathead minnow) – 9640 mg/L-96h

Toxicity to daphnia and other aquatic invertebrates

EC₅₀ – Daphnia magna (Water flea) – 5102 mg/L-24h

Toxicity to bacteria

EC₅₀ – Desmodesmus subspicatus (Green algae) > 2000 mg/L-72h

EC₅₀ – Algae > 1000 mg/L-24h

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

- 1219

14.2 UN Proper Shipping Name

- Isopropanol

14.3 Transport hazard class(es)

- 3

14.4 Packing group

- II

14.5 Environmental hazards

- Not classified

14.6 Special precautions for user

- Not classified

14.7 Domestic Surface Transport (US DOT)

- Proper Shipping Name: Isopropanol
- DOT UN No.: 1219
- DOT Hazard Class: 3
- DOT Packing Group: II

14.8 International Road/Rail (ADR/RID)

- Proper Shipping Name: Isopropanol
- ADR UN No.: 1219
- ADR Hazard Class: 3
- ADR Packing Group: II
- Tunnel Code: 2 (D/E)

14.9 Ocean/Sea (IMO/IMDG)

- Proper Shipping Name: Isopropanol
- IMDG UN No.: 219
- IMDG Hazard Class: 3
- IMDG Packing Group: II

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Isopropanol
- ICAO UN No.: 1219
- ICAO Hazard Class: 3
- ICAO Packing Group: II

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:

WARNING! FLAMMABLE! KEEP AWAY FROM HEAT AND OPEN FLAME1
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL USE ONLY
NOT FOR HUMAN USE
FOR EXTERNAL USE ONLY

- NDC(s): 59051-231-01, 59051-231-07

SECTION 15: Regulatory information (continued)

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 following components are subject to reporting levels established by SARA Title III, Section 313: Isopropanol, CAS No. 67-63-0

SARA 311/312

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | Yes |
| 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.

State Right-to-Know

Massachusetts

Isopropanol, CAS No. 67-63-0

New Jersey

2-Propanol, CAS No. 67-63-0

Pennsylvania

Isopropanol, CAS No. 67-63-0

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-9034, Isopropyl Alcohol 70%

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: H225: Highly flammable liquid and vapor. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

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.