

SAFETY DATA SHEET

Coronex Virucide

Date of Issue: 21 December 2020

SECTION 1. IDENTIFICATION

1.1 Identifier

Product Brand name: Hard Surface Sanitizer
Product Description: Contact Germ Killer
Product Code: 2001028

1.2 Recommended Use & Restriction of Use:

Hard Surface Sanitizer

Not for Food, Drug, Pesticide or Biocide use. Read all 16 sections stated herein thoroughly and completely.

1.2 Details of the supplier of the safety data sheet

Tidol Corporation

146 Shorting Road, Scarborough ON M1S 3S6, Canada

Tel: 416-293-2244/ 1-800-881-8672 Fax: 416-293-5808

Email: info@tidolcorp.com

1.3 Emergency Telephone Number

Vendor 1-800-881-8672 or 416-293-2244 - 24hrs

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or Mixture

Flammable Category 3
Eye Damage Category 2B

2.2 Label elements



Signal Word Warning

Hazard Statements

H226 Flammable liquid and vapour
H319 Causes serious eye irritation.

Precautionary Statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear eye protection.

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.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

2.3. Supplemental label elements: Mix only with water, do not mix with any other product or chemicals.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal

P501- Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.4 Other hazards

Potential Acute Health effects:

Not Applicable

2.5 Unknown Acute Toxicity

No information available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

No information available

3.2 Mixtures

COMPONENT	CAS #	CONCENTRATIONS W/W
Ethyl Alcohol	64-17-5	30-60 %
Isopropyl Alcohol	67-63-0	5-10%
Benylkonium Chloride		200ppm

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

If inhaled

If inhaled, remove to fresh air. If symptoms persist, call a physician.

In case of skin contact

None required under normal conditions.

In case of eye contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Seek medical advice.

If swallowed

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

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

No information Available.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Carbon oxides nitrogen oxides (NO_x)
Sulphur oxides Oxides of phosphorus

5.3 Special precautions for firefighters

Fire Hazard

Keep away from heat and sources of ignition. Flash back possible over considerable distance.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

5.4 Special protective equipment for firefighters

Fire fighters should wear full protective gear including self contained breathing apparatus with full face shield operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate the contaminated area. Wear self contained breathing apparatus and full protective clothing.

6.2 Environmental precautions

Do not flush into sanitary or storm sewer or water cause as this material is toxic to fish and wildlife.

6.3 Methods and material for containment and cleaning up

Cover spill with suitable absorbent material, sand or vermiculite, mix well and carefully transfer to a well marked container. In case of powders sweep up without causing dust and close lid tightly and have it disposed. Vacuum using a vacuum cleaner equipped with a HEPA filter or wet sweeping may be used to avoid dust dispersal. Follow national, provincial, city and local laws and bylaws in disposing.

6.4 Reference to other sections

No information available.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat and sources of ignition. Keep in a cool, well- ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

7.3 Incompatibilities/Specific end uses

Incompatibilities	Other Detergent Products, acids and bases
Specific end uses	Hard Surface Sanitizer

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Isopropyl Alcohol	67-63-0	TWA	200 ppm 492 mg/m ³	CAD AB OEL
		STEL	400 ppm 984 mg/m ³	CAD AB OEL
		TWA	200 ppm	CAD BC OEL
		STEL	400 ppm	CAD BC OEL
		VME	400 ppm 983 mg/m ³	OEL (QUE)
		STEV	500 ppm 1,230 mg/m ³	OEL (QUE)
	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm	NIOSH REL

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,880 mg/m ³	CAD AB OEL
		STEL	1,000 ppm	CAD BC OEL
		VME	1,000 ppm 1,880 mg/m ³	OEL (QUE)
	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z1

Personal protective equipment

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

No special protective equipment required.

Eye protection

Wear face-shield and protective suit for abnormal processing problems

Skin and body protection

No special measures necessary provided product is used correctly.

Protective measures

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Appearances	Liquid Gel
Initial Boiling Point	Not applicable
Boiling Range	Not applicable
Bulk Densities	Not Applicable
Evaporation Rate	Not Applicable
Flammability	Non flammable
Upper Flammability limit	Non Flammable
Lower Flammability limit	Non flammable
Partition coefficient	Not available
Auto Ignition temperature	Non flammable
Decomposition Temperature	Not available
Color	Clear
Densities	0.84 - 0.94
Explosive properties	Not Applicable
Extinguishing Media for Fires	Not Applicable.
Flash Points	27 °

Heats of Combustion	Not Available.
Henry's Law Constant	Not Available.
Melting point/freezing point	Not applicable
Odor Threshold Values	Not Available.
Odours	Pleasant, Alcohol-like
Percent Volatility	Not Available.
pH Value	7.00 ± 0.50
Specific Gravity	Not Applicable.
Vapor Pressures	Not Available.
Viscosity	1000 - 35000 mm ² /s (20 °C)
Water Miscibility	Water Soluble
Water Solubility (Qualitative)	Infinite

9.2 Other information

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	No information available.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	Contact with incompatible materials
10.5 Incompatible materials	Non Known
10.6 Hazardous decomposition products	Carbon oxides Nitrogen oxides (NO _x) Sulphur oxides Oxides of phosphorus

SECTION 11. TOXICOLOGICAL

Information on likely routes : Inhalation, Eye contact

Potential Health Effects

Eyes	: Causes eye irritation.
Skin	: Health injuries are not known or expected under normal use.
Ingestion	: Health injuries are not known or expected under normal use.
Inhalation	: Inhalation may cause central nervous system effects.
Chronic Exposure	: Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	: Redness, Irritation
Skin contact	: No symptoms known or expected.
Ingestion	: No symptoms known or expected.
Inhalation	: No symptoms known or expected.

Toxicity Product

Acute oral toxicity Acute toxicity estimate	: > 5,000 mg/kg
Acute inhalation toxicity	No Data Available
Acute dermal toxicity Acute toxicity estimate	: > 5,000 mg/kg

Skin corrosion/irritation	No Data Available
Serious eye damage/eye irritation	No Data Available
Respiratory or skin sensitization	No Data Available
Carcinogenicity	No Data Available
Reproductive effects	No Data Available
Germ cell mutagenicity	No Data Available
Teratogenicity	No Data Available
STOT - single exposure	No Data Available
STOT - repeated exposure	No Data Available
Aspiration toxicity	No Data Available

Components

Acute inhalation toxicity : ethanol
4 h LC50 rat: 117 mg/l Test atmosphere: vapour
Isopropyl Alcohol
4 h LC50 rat: > 30 mg/l Test atmosphere: vapour

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Handling for disposal

All waste from this product including all empty containers must be disposed of in accordance with municipal, provincial and federal regulations.

Methods of disposal

No information available.

Contaminated packaging

No information available.

SECTION 14. TRANSPORT

Product as sold

Land Transport -TDG Ground/Rail

14.1 UN number	1170
14.2 UN proper shipping name	ETHANOL SOLUTION
14.3 Transport hazard class(es)	3
14.4 Packing group	III
14.5 Environmental hazards	No information available.
14.6 Special precautions for user	Follow sections 2,3,and 4

SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

The components of this product are reported in the following inventories: Switzerland.

New notified substances and declared preparations :

not determined

United States TSCA Inventory :

On the inventory, or in compliance with the inventory

Canadian Domestic Substances List (DSL) :

All components of this product are on the Canadian DSL.

Australia. Industrial Chemical (Notification and Assessment) Act : On the inventory, or in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand : On the inventory, or in compliance with the inventory

Japan. ENCS - Existing and New Chemical Substances Inventory : On the inventory, or in compliance with the inventory

Korea. Korean Existing Chemicals Inventory (KECI) : On the inventory, or in compliance with the inventory

Philippines Inventory of Chemicals and Chemical Substances (PICCS) : On the inventory, or in compliance with the inventory

China Inventory of Existing Chemical Substances : On the inventory, or in compliance with the inventory

Taiwan Chemical Substance Inventory : not determined

SECTION 16. OTHER INFORMATION

Specific Hazard: N/A

HMIS Ratings :

HEALTH	<input type="checkbox"/>
FLAMMABILITY	<input type="checkbox"/>
PHYSICAL HAZARD	<input type="checkbox"/>
PERSONAL PROTECTION	<input type="checkbox"/>

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