

# VEREX

## SAFETY DATA SHEET Hand Sanitiser (70% Alcohol)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** Verex V10 Hand Sanitiser

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

**Identified uses** PT1 Human Hygiene Biocidal Product. For full details regarding recommended uses please refer to the product label.

**Uses advised against** Use only for intended applications.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Covex Industries Ltd  
47 King Street  
Stanford le Hope  
Essex  
SS17 0HJ, United Kingdom  
+44 (0)1268 385 123  
support@covexgels.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone:** +44 (0) 1268 385 123 (during usual office hours 8am-5:00pm). Out of hours please contact NHS 111 (England and Wales) or NHS 24 (Scotland) – dial 111, or in case of an emergency call a doctor or the emergency services immediately. Health Professionals only: National Poisons Information Service (UK) 0844 8920111. National Poisons Information Centre (Eire) 01-8092566/8379964

### SECTION 2: HAZARDS IDENTIFICATION

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

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulations:

**Physical hazards** Flam. Liq. 2 – H225

**Health hazards** Eye irrit. 2 – H319

**Environmental hazards** N/A

#### 2.2. Label elements

Labelling according to EC Directives: 1272/2008/EC

**Signal Word:** DANGER

**Pictogram(s):**

<b>Hazard statements</b>	H225 H319	Highly flammable liquid and vapor. Causes serious eye irritation.
<b>Precautionary statements</b>	P210  P305+P351+P338  P337+P313 P370+P378  P403+P235 P501	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. F 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. In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with national regulations.
<b>Supplementary Label Information</b>		Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.
<b>Supplementary Precautionary Statements</b>		BPR001 Use biocides safely. Always read the label and product information before use. P233 Keep container tightly closed.

**2.3. Other hazards**

Not Classified as PBT/vPvB by current EU criteria.

**SECTION 3: Composition / Information on Ingredients****3.2. Mixtures**

Composition comments	Data shown are in accordance with the latest EC Directives INCI
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Ingredient	Cas Number	EC Number
TSDA1 Ethanol (>70%)	64-17-5	200-578-6
Hydrogen Peroxide	7722-84-1	231-765-0
Glycerine	56-81-5	200-289-5
Hydroxypropyl methylcellulose	9004-65-3	
Triethanomaline	102-71-6	203-049-8
Aloe Vera	85507-69-3	287-390-8
Water	7732-18-5	231-791-2

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

**General Information:** Get medical attention if any discomfort continues.

**Eye contact:** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Ingestion:** DO NOT induce vomiting. Get medical attention immediately.

**Inhalation:** Due to the small packaging, the risk of inhalation is minimal.

**4.2. Most important symptoms and effects, both acute and delayed****Inhalation:** No specific symptoms.**Ingestion:** May cause nausea, headache, dizziness and intoxication.**Skin contact:** None known.**Eye contact:** May cause severe eye irritation.**4.3. Indication of any immediate medical attention and special treatment needed**

No specific recommendations.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Suitable extinguishing media** Extinguish with the following media: Water spray, fog or mist Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.**Unsuitable extinguishing media** No information available.**5.2. Special hazards arising from the substance or mixture****Specific Hazards** Highly flammable liquid and vapor. May form explosive mixture with air at very high concentration.**Hazardous combustion products** Oxides of Carbon.**Unusual Fire & Explosion Hazards** No information available.**5.3. Advice for firefighters****Special Fire Fighting Procedures** Cool containers exposed to flames with water until well after the fire is out.**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.**Further Information** No information available.**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

**6.3. Methods and material for containment and cleaning up**

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

**6.4. Reference to other sections**

or personal protection, see Section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Usage Precautions** Keep away from heat, sparks and open flame. Avoid contact with eyes.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No information available.

### 8.2. Exposure controls

**Appropriate Engineering controls:** Not relevant.

**Personal protective equipment:**



**Respiratory protection:** Not relevant.

**Hand protection:** Not relevant.

**Eye/face protection:** Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting into eyes.

**Skin and body protection:** Not relevant.

**Hygiene measures:** DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

**Environmental exposure controls:** No information available.

**Other Protection:** No information available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

State and colour	Viscous liquid. Colourless.
Odour	Characteristic.
Odour Threshold	Not determined
Upper/lower Flammability	Not determined.
Flash point	Not determined.
Lower explosion limit	Not determined.
Explosion limit	Not determined.
Explosive properties	Not determined.
Thermal decomposition	Not determined.

Auto-ignition temperature	Not determined.
Oxidising properties	Not determined.
Solubility in water	Not determined.
Solubility in other solvents	Not determined.
pH	6.5 – 7.5
Melting point/range	Not determined.
Initial Boiling point/range	Not determined.
Relative density/Specific Gravity	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Viscosity	Not determined.
Evaporation rate	Not determined.

## **9.2. Other information**

No data available

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No specific reactivity hazards associated with this product

### **10.2. Chemical stability**

No particular stability concerns

### **10.3. Possibility of hazardous reactions**

None known.

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

### **10.5. Incompatible materials**

**Materials to Avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** Oxides of Carbon.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

<b>Acute toxicity – oral</b> Notes (oral LD50)	Based on available data the classification criteria are not met.
<b>Acute toxicity – dermal</b> Notes (dermal LD50)	Based on available data the classification criteria are not met.
<b>Acute toxicity – inhalation</b> Notes (inhalation LC50)	Based on available data the classification criteria are not met.
<b>Skin corrosion/irritation</b> Animal Data	Based on available data the classification criteria are not met.

<b>Serious eye damage/irritation</b>	Serious eye damage/irritation Highly irritating. OECD 438
<b>Respiratory sensitization</b>	Based on available data the classification criteria are not met.
<b>Skin sensitization</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b> Genotoxicity – in-vitro	Does not contain any substances known to be mutagenic.
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b>Reproductive Toxicity</b>	Does not contain any substances known to be toxic to reproduction.
<b>Specific target organ toxicity - single exposure</b>	STOT - single exposure No information available.
<b>Specific target organ toxicity - repeated exposure</b>	STOT - repeated exposure No information available.
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	No specific health hazards known
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication
<b>Skin Contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye Contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

### 12.1 Toxicity

#### Toxicity

The product is not expected to be toxic to aquatic organisms.

### 12.2 Persistence and degradability

#### Degradability

Product are expected to be biodegradable.

### 12.3 Bioaccumulative potential

**Bio accumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### 12.4 Mobility in soil

**Mobility:** The product is soluble in water.

**Solubility:** The product is soluble in water

### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

## **12.6 Other adverse effects**

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **General information**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### **13.1 Waste treatment methods**

**Disposal operations:** Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN Number:**

1170

### **14.2 UN Proper Shipping Name:**

Ethanol Solution (ETHYL ALCOHOL)

### **14.3 Transport hazard class(es):**

Class: 3

Transport labels: 3 – Flammable Liquid

Classification Code: F1

### **14.4 Packing Group:**

II

### **14.5 Environment hazards:**

Environmentally hazardous/Marine Pollutant: No

### **14.6 Special precautions for user:**

Transport Category: 2

Tunnel restriction code: D/E

### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Pollution Category: Z.

**SECTION 15: REGULATORY INFORMATION****15.1: Safety, health and environmental regulations/legislation specific for the substance or mixture****Candidate List of Substances of Very High Concern for Authorisation**

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

**Major Accident Hazard List**

96/82/EC Highly flammable Quantity 1: 5,000 t Quantity 2: 50,000 t

**Other Regulations**

Take note of Dir 94/33/EC on the protection of young people at work.

Notification Status

EINECS: On the inventory, or in compliance with the inventory

TSCA: On TSCA Inventory

AUSTR: On the inventory, or in compliance with the inventory

DSL: All components of this product are on the Canadian DSL list.

ENCS: On the inventory, or in compliance with the inventory

KOREA: Not in compliance with the inventory

PHIL: On the inventory, or in compliance with the inventory

HINA: On the inventory, or in compliance with the inventory

ISHL: On the inventory, or in compliance with the inventory

NZIOC: On the inventory, or in compliance with the inventory

**15.2: Chemical safety assessment**

A Chemical Safety Assessment has not been carried out for this substance.

**SECTION 16: OTHER INFORMATION**

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

**Full text of H-statements referred to under sections 2 and 3**

H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

**Identified Uses**

Manufacture/Intermediate: Industrial uses: Uses of substances as such or in preparations at industrial sites.

Distribution: Industrial uses: Uses of substances as such or in preparations at industrial sites.

Formulation: Industrial uses: Uses of substances as such or in preparations at industrial sites.

Use in non-spray applications: Industrial uses: Uses of substances as such or in preparations at industrial sites

Use in spray applications: Industrial uses: Uses of substances as such or in preparations at industrial sites

Use in non-spray applications: Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

Use in spray applications: Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

Domestic Fuel: Consumer uses: Private households (= general public = consumers).

Use in products (< 50g / event): Consumer uses: Private households (= general public = consumers).

Enclosed systems: Consumer uses: Private households (= general public = consumers).

Use in coatings and paints: Consumer uses: Private households (= general public = consumers).

Use in antifreeze, de-icing and screen wash products: Consumer uses: Private households (= general public = consumers).

Cleaning products: Consumer uses: Private households (= general public = consumers).

Use as laboratory agent: Industrial uses: Uses of substances as such or in preparations at industrial sites

Laboratory agent: Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

Heat transfer fluid or other functional fluid: Industrial uses: Uses of substances as such or in preparations at industrial sites.



Heat transfer fluid or other functional fluid: Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

### **Abbreviations and acronyms**

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

DNEL: Derived No Effect Level (Section 8).

PNEC: Predicted No Effect Concentration (Section 8).

PBT: Persistent, Bioaccumulative, Toxic. (Section 12).

vPvB: very Persistent and very Bioaccumulative. (Section 12).

LC50: Lethal Concentration, 50 percent. (Section 11/12).

LD50: Lethal Dose, 50 percent. (Section 11).

### **Source of key data used to compile the data sheet**

Supplier information

**Date:** 31/03/20

**Revision No.** 1

**Modifications since last revision:** Safety Data Sheet reviewed, and obsolete information removed.

**Legal disclaimer:** The information presented herein is based on data considered to be accurate as of the date of this Safety Data Sheet (SDS). However, an SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the material.

# COVEX

Hand Sanitisers

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Tel: 01268 385123 | Email: [Support@covexgels.co.uk](mailto:Support@covexgels.co.uk)

## Ingredient Contents by Volume

Ethanol - 70%  
Hydrogen Peroxide (3%) - 0.41%  
Glycerine - 0.14%  
Water - 28.85%  
Aloe Vera - 0.6%

This document has been authorised by:

Ryan Edkins  
CEO



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