

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

1.1 Product identifier

Trade name: **ONEWIPE HAND WIPES**

Article number: **HW101**

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

Use of substance / mixture: Disinfection of hands and surfaces

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4 Emergency telephone number: Tel +44 (0) 1294 311 066

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Regulation (EC) No 1272/2008 (CLP)
H315: Causes skin irritation
H319: Causes serious eye irritation
H411: Toxic to aquatic life with long lasting effects

2.1.2 Directive 67/548/EEC & Directive 1999/45/EC
R11: Highly flammable
R37: Irritant
R67: Vapours may cause drowsiness and dizziness

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

2.2.1 Label elements

Hazard pictograms



Signal word(s) Danger
Hazard statement(s) H315: Causes skin irritation
H319: Causes serious eye irritation
H411: toxic to aquatic life with long lasting effects

Precautionary statement P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Prevention P304+P340: IF INHALED: Remove person to fresh air and keep 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.
P337+P313: If eye irritation persists: Get medical advice/attention.
P403+P235: Store in a well-ventilated place. Keep cool
P233: Keep container tightly closed.
P273: Avoid release to the environment
P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

Not classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical Name	Proportion	CAS No.	EC Classification (1272/2008)
Propan-2-ol	1-10%	67-63-0	H225, H315, H319
Benzyl-C12-16-Alkyldimethyl chlorides	<1%	68424-85-1	H302, H314, H400, H411

<5% surfactants

SECTION 4: First-aid measures

4.1 Description of first aid measures

Inhalation	Inhalational hazard is not expected. Get medical attention.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin contact	No irritation expected. Wash skin with soap and water. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.
Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Serious hazards are not expected. May cause skin irritation.

SECTION 5: Firefighting measures

5.1 Extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
5.2 Special hazards arising from the substance or mixture	The product is not flammable. In combustion emits toxic fumes.
5.3 Advice for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from heat and sources of ignition. Avoid contact with eyes.

6.2 Environmental precautions

Small spillages: No special measures are required. Large spillages: Do not discharge waste and/or cleaning water via public sewer system. Avoid release to the environment.

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. Contain and adsorb large spillages onto an inert, non-flammable adsorbent carrier. Transfer to suitable, labelled containers for disposal.

6.4 Reference to other sections

For recommended personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

7.3 Specific end use

No relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit

Substance	8-hour exposure limit	15-minute exposure limit	Source, Type
Isopropanol	400 ppm (999 mg/m ³)	500 ppm (1250 mg/m ³)	EH40 2011

DNELS

	Worker	General population
	Chronic effects	Chronic effects
Human oral	-	26 mg/kg
Human dermal	888 mg/kg/day	319 mg/kg/day
Human inhalation	500 mg/m ³	89 mg/m ³

PNECS

PNEC aqua (freshwater):	140.9 mg/l
PNEC aqua (marine water):	140.9 mg/l
PNEC sediment:	552 mg/kg
PNEC soil:	28 mg/kg

8.2 Exposure controls

Engineering controls

Normal room ventilation is expected to be adequate. If large numbers of wipes are being used in an enclosed space, then additional local exhaust ventilation may be required.

Respiratory protection

None normally required

Individual protection measures

None normally required

Environmental exposure controls

Do not discharge waste and/or cleaning water via public sewer system. Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	White nonwoven fabric pre-saturated with a colourless solution
Odour	Characteristic
pH	5-7.5

9.2 Other information	None
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SECTION 10: Stability and reactivity

10.1 Reactivity	Stable under normal conditions of storage/use.
10.2 Chemical Stability	Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions	None expected
10.4 Conditions to avoid	Avoid excessive heat. Do not allow to freeze.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	None known

SECTION 11: Toxicological information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its components.

Propan-2-ol

(a) Acute toxicity	Not expected to present an acute toxicity hazard.
(b) Skin corrosion/irritation	Not expected to be irritating to skin. Prolonged and frequent exposure may dry the skin.
(c) Serious eye damage/irritation	If liquid from the wipe gets into the eye it may cause irritation.
(d) Respiratory/skin sensitization	Not sensitising.
(e) Germ cell mutagenicity	Not mutagenic.
(f) Carcinogenicity	Not carcinogenic.
(g) Reproductive toxicity	No information available.
(h) STOT-single exposure	No information available.
(i) STOT-repeated exposure	No information available.
(j) Aspiration hazard	No information available.

Benzyl-C12-16 alkyldimethyl Chlorides

(a) Acute toxicity damage to eyes.	Accidental ingestion may cause human health damage. May cause severe
(b) Skin corrosion/irritation	Though unlikely symptoms should be mild. If concerned get medical advice. May cause allergic reaction in susceptible people.

SECTION 12: Ecological Information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its main components.

Propan-2-ol

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|--|---|
| (a) Toxicity | No data available. |
| (b) Persistence and degradability | No data available. |
| (c) Bioaccumulative potential | No data available. |
| (d) Mobility in soil | No data available. |
| (e) Results of PBT and vPvB assessment | Not classified as PBT or vPvB according to current EU criteria. |
| (f) Other adverse effects | No data available. |

Benzyl-C12-16 alkyl dimethyl Chlorides

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|--|---|
| (a) Toxicity | Daphnia 48H EC50 0.016 mg/l Fish 96H mLC50 0.028mg/l |
| (b) Persistence and degradability | The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
| (c) Bioaccumulative potential | No data available |
| (d) Mobility in soil | No data available |
| (e) Results of PBT and vPvB assessment | Not classified as PBT or vPvB according to current EU criteria. |
| (f) Other adverse effects | Toxic to aquatic organisms Toxic to soil organisms. |

SECTION 13: Disposal Considerations

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| 13.1 Waste treatment methods | Dispose of as special waste in compliance with local, state, or national regulations. Empty containers can be sent to landfill after cleaning, if in compliance with local, state or national regulations. |
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SECTION 14: Transport Information

This product does not require a classification for transport.

SECTION 15: Regulatory Information

- 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**
 All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

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

SECTION 16: Other Information
Revision information:

Reviewed – no changes

List of Abbreviations used in this SDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC
EC	European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
VPvB	Regulation (EC) no 1907/2006 very Persistent, very Bioaccumulative

References

CLP Regulation 1272/2008

ECHA Chem database of registered substances

Suppliers' SDS

R Phrases and H Statements used in Section 3

R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation
H319	Causes serious eye irritation
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H400 -	Very toxic to aquatic life.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects

Training requirements for workers

No specific training required for workers

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting, and working with the material, as well as describing potential risks to the consumer and the environment. This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006 and described in CLP Regulation (EC) No 1272/2008.