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MATERIAL SAFETY DATA SHEET

Hand GEL

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name Hand Gel

Product number WHD500GT

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.

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0844 8920111 (Health Professionals only)
National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R41. F;R11.

Human health Irritating to eyes.

Environmental The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

Physicochemical The product is flammable. Heating may generate flammable vapours.

2.2. Label elements

HAND GEL

Pictogram



Signal word

Danger

Hazard statements H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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 foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information

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.

BPR001 Use biocides safely. Always read the label and product information before use.

Supplementary precautionary statements

P233 Keep container tightly closed.

2.3. Other hazards

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

SECTION 3: Composition/Information on ingredients

3.2. Mixtures

Composition comments The data shown are in accordance with the latest EC Directives.

INCI

Alcohol Denatured (70% w/w)

Aqua

Guar Hydroxypropyl

Glycerine

Triclosan

Citric Acid.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if any discomfort continues.

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

Ingestion DO NOT induce vomiting. Get medical attention immediately.

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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.

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

Inhalation No specific symptoms known.

Ingestion May cause nausea, headache, dizziness and intoxication. Skin

contact None known.

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8.1. Control parameters

Ingredient comments None.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls 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 in the eyes.

Hand protection Not relevant.

Other skin and body protection Not relevant.

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

Respiratory protection Not relevant.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Viscous liquid.

Colour Colourless.

Odour: chemical characteristic

pH pH (concentrated solution): 5.5-6.5

Melting point Not determined.

Initial boiling point and range Not determined. Flash point 19 Deg

C°C Evaporation rate Not determined.

Upper/lower flammability or explosive limits Not determined.

Vapour pressure Not determined.

Vapour density Not determined.

Relative density Not determined.

Partition coefficient Not determined.

Auto-ignition temperature Not determined. Decomposition

Temperature Not determined. Viscosity

Not determined. Explosive properties

Not determined.

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Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other Information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

10.4. Conditions to avoid

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

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (Inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Highly irritating. OECD 438

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vivo Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

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Reproductive toxicity

Reproductive toxicity - development

Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information No specific health hazards known.

Inhalation No specific health hazards known.

Ingestion May cause nausea, headache, dizziness and intoxication. Skin

contact Skin irritation should not occur when used as recommended.

Eye contact 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

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on

bioaccumulation. Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB
assessment

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

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Disposal methods 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.

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SECTION 14: Transport information**14.1. UN number**

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (IMDG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Proper shipping name (ADN) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

14.3. Transport hazard

class(es) ADR/RID class

3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Transport
port
labels**14.4.**Packing
group

ADR/RID packing group

II IMDG packing group

II ICAO packing group

II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code •3YE

Hazard Identification
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Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

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EU legislation	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.</p>
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Water hazard classification WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Use biocides safely. Always read the label and product information before use. Only trained personnel should use this material.
Key literature references and sources for data	Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
Revision comments	SDS amended in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as
amended) Revision date	15/11/2019
Revision	: 0
Risk phrases in full	<p>R11 Highly flammable</p> <p>R41 Risk of serious damage to eyes.</p> <p>R67 Vapours may cause drowsiness and dizziness.</p>
Hazard statements in full	<p>H225 Highly flammable liquid and vapour.</p> <p>H318 Causes serious eye damage. H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p>
Notes for Risk Phrases and Hazard Statements in Full	The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.