

SAFETY DATA SHEET

Biocidal Wipes

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 Biocidal Wipes

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

Identified uses Disinfectant Wipes

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
Unit 16, University Way
Orion Park
Crewe
Cheshire
CW1 6NG
+ 44 (0) 1270 655500 (T)
+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

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 STOT SE 3 - H336
Environmental hazards Not Classified

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

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Biocidal Wipes

Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves.</p> <p>P280 Wear eye protection.</p> <p>P233 Keep container tightly closed.</p> <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P103 Read label before use.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p>
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Contains PROPAN-2-OL

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PROPAN-2-OL		60-100%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	No specific recommendations.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if symptoms are severe or persist.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist.
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 irritation persists after washing.

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

Biocidal Wipes

Inhalation	Vapours may cause drowsiness and dizziness.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	Causes serious eye irritation.

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

Notes for the doctor	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. Alcohol-resistant foam. Carbon dioxide (CO ₂).
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases or vapours. Vapour may travel considerable distance to source of ignition and flash back.
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5.3. Advice for firefighters

Protective actions during firefighting	Wear appropriate clothing to prevent skin contamination.
Special protective equipment 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

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all sources of ignition.
For non-emergency personnel	Provide adequate ventilation. Avoid contact with skin and eyes. Spillages will make surfaces slippery.

6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Contain spillage with sand, earth or other suitable non-combustible material.
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6.4. Reference to other sections

Reference to other sections	For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash hands after handling the product. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

Biocidal Wipes

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight. Keep out of the reach of children. Only store in correctly labelled containers.

7.3. Specific end use(s)

Specific end use(s) Restricted to professional users.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

PROPAN-2-OL (CAS: 67-63-0)

DNEL	Industry - Dermal; Long term systemic effects: 888 mg/kg/day Industry - Inhalation; Long term systemic effects: 500 mg/m ³ Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Dermal; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m ³
PNEC	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - STP; 2251 mg/l - Soil; 28 mg/kg

8.2. Exposure controls

Appropriate engineering controls Keep in a cool, well ventilated place. Keep container tightly closed and dry. Keep away from sources of ignition - No smoking.

Personal protection When using do not smoke

Eye/face protection Provide eyewash station.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection Neoprene.

Hygiene measures Wash hands after handling. When using do not eat, drink or smoke.

Respiratory protection Respiratory protection not required.

Environmental exposure controls Do not allow runoff to sewer, waterway or ground.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Biocidal Wipes

Appearance	Impregnated wipe
Colour	White/off-white.
Odour	Alcoholic.
Flash point	18.7°C CC (Closed cup).
Solubility(ies)	Soluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Avoid heat, flames and other sources of ignition.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Does not decompose when used and stored as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Strong acids. Strong alkalis. Strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Store above freezing.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

Acute toxicity - oral

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

Skin corrosion/irritation

Human skin model test Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation This product may cause skin and eye irritation.

Germ cell mutagenicity

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

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

Biocidal Wipes

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

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

General information

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

Inhalation

No specific health hazards known.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact

No specific health hazards known.

Acute and chronic health hazards

Because of the product's quantity and composition, the health hazard is regarded as low.

Toxicological information on ingredients.

PROPAN-2-OL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,840

Species Rat

Notes (oral LD₅₀) Low order of acute toxicity.

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 16.4

Species Rabbit

Notes (dermal LD₅₀) Low order of acute toxicity.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) 6 hours.

Skin corrosion/irritation

Animal data Not irritating.

Respiratory sensitisation

Respiratory sensitisation Not available.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Reproductive toxicity

Biocidal Wipes

Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.
Inhalation	Drowsiness, dizziness, disorientation, vertigo.
Ingestion	No specific health hazards known.
Skin contact	No specific health hazards known.
Eye contact	Irritating to eyes.

SECTION 12: Ecological Information

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

Ecological information on ingredients.

PROPAN-2-OL

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

12.1. Toxicity

Ecological information on ingredients.

PROPAN-2-OL

Acute toxicity - fish	LC50, 96 hours, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , >: > 1000 mg/l, Daphnia magna 24 hours
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours, 72 hours: > 1000 mg/l, Scenedesmus subspicatus
Acute toxicity - microorganisms	EC ₅₀ , >: > 1000 mg/l, Activated sludge

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Ecological information on ingredients.

PROPAN-2-OL

Persistence and degradability	The product is expected to be biodegradable.
Biodegradation	Degradation (%) - Degradation (%) 95: 21 days

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

PROPAN-2-OL

Biocidal Wipes

Bioaccumulative potential Bioconcentration potential is low.

Partition coefficient log Pow: 0.05

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

PROPAN-2-OL

Mobility Potential for mobility in soil is high.

Adsorption/desorption coefficient Soil - Koc: ~ 1.1 @ °C

Henry's law constant 0.00000338 atm m³/mol @ 25°C

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.

Ecological information on ingredients.

PROPAN-2-OL

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Dispose in a regulated landfill site or other method for hazardous or toxic waste. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Disposal methods 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

UN No. (ADR/RID) 3175

UN No. (IMDG) 3175

UN No. (ICAO) 3175

UN No. (ADN) 3175

14.2. UN proper shipping name

Proper shipping name (ADR/RID) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Proper shipping name (IMDG) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Biocidal Wipes

Proper shipping name (ICAO) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

Proper shipping name (ADN) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class	4.1
ADR/RID classification code	F1
ADR/RID label	4.1
IMDG class	4.1
ICAO class/division	4.1
ADN class	4.1

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN 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-A, S-I
ADR transport category	2
Emergency Action Code	1Z
Hazard Identification Number (ADR/RID)	40
Tunnel restriction code	(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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	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). Commission Regulation (EU) No 453/2010 of 20 May 2010.

Biocidal Wipes

Guidance Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	15/06/2015
Revision	1
SDS number	10730
SDS status	Approved.
Risk phrases in full	R11 Highly flammable.
Hazard statements in full	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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.