

Safety Date Sheet

CWS1 INDIVIDUAL PROBE WIPE SACHETS– SAFETY DATA SHEET

Issue date 16-05-14
Version 1.1

In accordance with REACH regulations 1907/2006/EC as amended by 453/2010/EC and described in CLP regulation 1272/2008/EC

Product CWS1 – PROBE WIPE SACHETS X 100 (190X110MM)
Version Version 1.2
Date 31-05-2017
Supersedes Version 1.0: Dated 16-05-2014

Section 1.0: Identification of the substance/ preparation and of the Company/ undertaking

1.1 Product Identifier 70% Isopropyl Alcohol Wipe

Other means of identification CWS1 Probe Wipe Sachets

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

Uses: Surface cleaning and disinfection

Not to be used for:

1.3 Details of the samples of the Safety Data Sheet

Company Name: Klipspringer Ltd

Address: Raynor House
Farthing Road
Ipswich
Suffolk
IP1 5AP

Telephone: +44 (0)1473 461800

Fax: +44 (0)1473 747200

Email: Sales@klipspringer.com

Website: www.Klipspringer.com

1.4 Emergency Telephone Number

Tele. 01245 505807 (Mon-Fri 09.00-17.00)

24 hr 07798 624766 (via Guardpack)

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Section 2.0: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with the Classification Labelling and Packaging Regulation 1272/2008//EC

F; R11 Highly Flammable
Xi; R36 Irritating to eyes
R67 Vapours may cause drowsiness and dizziness.

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

| | |
|-------------------|------------------------------------|
| Flam. Liq. 2 H225 | Highly flammable liquid and vapour |
| Eye Irrit. 2 H319 | Causes serious eye irritation |
| STOT SE 3 H336 | May cause drowsiness or dizziness |

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008



Danger

| | |
|--------------------|--|
| H225 | Highly flammable liquid and vapour |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position 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. |

2.3 Other hazards In confined spaces, vapours may build up to form flammable vapour/air mixtures.

Section 3.0: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances Not applicable - product is a mixture

3.2 Mixtures Isoropanol impregnated onto a paper tissue

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| Name | CAS or EC No. | Concentration (%w/w) | Classification |
|-------------------------------|---|----------------------|--|
| Propan 02-pl (Isopropanol) | CAS 67-63-0 EC 200-661-7 Reg. No. 01- 2119457558-25-0000 | 70% | Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 |

See section 16 for full description of H statements.

Section 4.0: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|---------------|---|
| EYE CONTACT: | Wash thoroughly with water for several minutes and obtain medical attention if signs of discomfort. |
| INHALATION: | Remove from exposure. If breathing becomes difficult call a doctor. |
| SKIN CONTACT: | Wash off with soap and water. |
| INGESTION: | If swallowed, rinse mouth with water. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|---------------|--|
| EYE CONTACT: | If liquid from the wipe gets into the eye it may cause redness, stinging, watering of the eye. |
| INHALATION: | Symptoms unlikely from use of small numbers of wipes, but inhalation of large amounts may cause headaches, dizziness, unconsciousness. |
| SKIN CONTACT: | Prolonged skin contact may cause drying of the skin. |
| INGESTION: | Ingestion of the liquid may cause irritation to the mouth and throat, and symptoms similar to inhalation. |

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

Section 5.0: FIREFIGHTING MEASURES

5.1 Extinguishing media

Water spray, alcohol resistant foam, dry powder and carbon dioxide extinguishers are suitable.

5.2 Special hazards arising from the substance or mixture

No special hazards.

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- 5.3 Advice for fire fighters**
Fire fighters should wear protective clothing and breathing apparatus as appropriate.

Section 6.0: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Exclude unnecessary personnel. Open doors and windows to ensure good ventilation. Eliminate ignition sources.
- 6.2 Environmental precautions**
Prevent entry into sewers and watercourses.
- 6.3 Methods and materials for containment and clearing up**
Collect wipes and place in a sealable container for disposal.
- 6.4 References to other sections**
See section 8 and 13 for further advice.

Section 7.0: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin. Keep away from sources of ignition.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in its original labelled container in a cool, well ventilated area, away from heat, sparks and other sources of ignition. Keep out of reach of children and animals.
- 7.3 Specific end uses(s)**
No special precautions.

Section 8.0: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters**
70% Isopropyl alcohol wipe

Expose Limits

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

DNELS

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

PNECS

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

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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

Not normally required

Hand Protection

If large numbers of wipes or prolonged contact is expected, then suitable gloves may be required. Butyl rubber, nitrile rubber, Viton (fluoroelastomer) may be suitable, but glove manufacturers recommendations should always be checked.

Eye protection

If large numbers of wipes are being used, then safety glasses or goggles may be appropriate.

Skin protection

If large numbers of wipes or prolonged contact is expected, then suitable protective clothing should be worn. Remove protective clothing when contaminated and wash before reuse.

Environmental Exposure Controls

Not normally required.

Section 9.0: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Clear liquid absorbed onto towelling

Odour: Alcoholic odour

Odour threshold: Approximately 22 ppm (propan-2-ol)

pH: Approximately neutral

Melting point: -89°C (propan-2-ol)

Boiling point: 82°C at 1013 hPa (propan-2-ol)

Flashpoint: Approx. 18°C (70% propan-2-ol)

Evaporation rate: 1.7 (n-Butyl Acetate=1) (propan-2-ol)

Flammability: Flammable

Upper/lower flammability limits: 2-12% (propan-2-ol)

Vapour pressure: 42 hPa at 20°C (propan-2-ol)

Vapour density: 2.07 (Air=1) (propan-2-ol)

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Relative density: 0.7855 g/cm³ at 20°C (propan-2-ol)

Solubility in water: Completely miscible

Solubility in other solvents: Miscible with diethyl ether and ethanol

Partition coefficient (log Kow): 0.05 at 25°C (propan-2-ol)

Autoignition temperature: > 399°C (propan-2-ol)

Decomposition temperature: No decomposition when used under normal conditions

Viscosity: 2.5 mPas at 20°C (propan-2-ol)

Explosive properties: Not classified as explosive

Oxidising properties: Not classified as oxidising

9.2 Other information

None

Section 10.0: STABILITY AND REACTIVITY

10.1 Reactivity

Not considered to be reactive.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None expected.

10.4 Conditions to avoid

Avoid exposure to high and freezing temperatures.

10.5 Incompatible materials

Avoid contact with strong oxidisers.

10.6 Hazardous decomposition products

None known.

Section 11.0: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

(a) acute toxicity

Not expected to present an acute toxicity hazard
LD50 (oral, rat) >2000 mg/kg (propan-2-ol)
LD50 (dermal, rabbit) >2000 mg/kg (propan-2-ol)

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- (b) skin corrosion/irritation** Not expected to irritate skin. Prolonged and frequent exposure may dry the skin.
Rabbit, dermal: not irritating (propan-2-ol)
- (c) serious eye damage/irritation** If liquid from the wipe gets into the eye it may cause irritation
Rabbit, eye: irritating (propan-2-ol)
- (d) respiratory/skin sensitisation** Not expected to be sensitising
Guinea pig, Buehler test: Not sensitising (propan-2-ol)
- (e) germ cell mutagenicity** Not expected to be mutagenic
Ames test, Salmonella typhimurium (with and without metabolic activation): not mutagenic (propan-2-ol)
- (f) carcinogenicity** Not expected to be carcinogenic
Rat (inhalation, 2 years): NOEL 5000 ppm
- (g) reproductive toxicity** Not expected to be reprotoxic. Animal studies for propan-2-ol gave no indication of a developmental toxic effect at doses that were not toxic to the parent animals
- (h) STOT-single exposure** Inhalation of vapours may cause drowsiness and dizziness
- (i) STOT-repeated exposure** NOAEL 5000 ppm propan-2-ol
- (j) aspiration hazard** Not expected to present an aspiration hazard.

Section 12.0: ECOLOGICAL INFORMATION

12.1 Toxicity

Not expected to be toxic to the environment
Toxicity to fish: LC50: > 100 mg/l, 48 h, *Leuciscus idus melanotus*, static
Toxicity to invertebrates: EC50: > 100 mg/l, 48 h, *Daphnia magna*, static
Toxicity to algae : EC50: > 100 mg/l, 72 h, *Scenedesmus subspicatus*, static

12.2 Persistence and degradability

Propan-2-ol is readily biodegradable. The tissue component is expected to biodegrade in the environment.

12.3 Bioaccumulative potential

Propan-2-ol is readily metabolised and is not expected to bioaccumulate.

12.4 Mobility in soil

Propan-2-ol will quickly evaporate and is expected to partition into the air compartment.

12.5 Results of PBT and vPvB assessment

Propan-2-ol is not considered to be PBT or vPvB.

12.6 Other adverse effects

None known.

Section 13.0: ECOLOGICAL INFORMATION

13.1 Waste treatment methods

Wastes should be disposed of in accordance with local regulations
Unused product may be disposed of by incineration.
For used product, consideration should be given to any contaminants before deciding on the disposal method.

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Section 14.0: TRANSPORT INFORMATION

This product contains does not need to be transported as dangerous goods, in accordance with UN 3175 Special Provision 216 (ADR/RID/IMDG) and Special Provision A46 (IATA).

SECTION 15:

Section 15.0: 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. A Chemical Safety Assessment has been carried out for the main component, propan-2-ol.

Section 16.0: OTHER INFORMATION

Revision information:

SDS reviewed – no significant 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 Regulation (EC) no 1907/2006

vPvB very Persistent, very Bioaccumulative

References:

CLP Regulation 1272/2008

ECHA Chem database of registered substances

Suppliers SDS

Method used for classification of mixtures:

Ingredient based approaches

H Statements used in Section 3

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Training requirements for workers

No special training requirements.

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