

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

1.1 Product identifier

Product name: Crystal Clear

Other identification:

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

Vehicle screenwash additive

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Liq. 3, H226

Full text of H-phrases: see section 16

2.2 Label elements

Hazard pictograms: CLP 02 Flammable

(none)

(none)

(none)



Signal word: Warning

Hazard statements: H226 - Flammable liquid and vapour

Precautionary statements: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower

P102 - Keep out of reach of children

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

Other label elements:

2.3 Other hazards

No additional information available

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Ethanol

(CAS No) 64-17-5, (EC no) 200-578-6, (EC index no) 603-002-00-5

5 - 15 %

Flam. Liq. 2, H225

Methanol

(CAS No) 67-56-1, (EC no) 200-659-6, (EC index no) 603-001-00-X

< 1%

Flam. Liq. 2, H225
Acute Tox. 3 (Inhalation), H331
Acute Tox. 3 (Dermal), H311
Acute Tox. 3 (Oral), H301
STOT SE 1, H370

N,N-dimethyldecylamine N-oxide
(CAS No) 2605-79-0, (EC no) 220-020-5
< 1%
Skin Irrit. 2, H315
Eye Dam. 1, H318
Aquatic Acute 1, H400

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Get medical advice/attention if you feel unwell.
Inhalation: Remove person to fresh air and keep comfortable for breathing.
Ingestion: Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.
Skin: Wash with plenty of soap and water.
Eye: IF 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.

4.2 Most important symptoms and effects, both acute and delayed

General:
Inhalation: May cause respiratory irritation.
Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.
Skin: Repeated exposure may cause skin dryness or cracking.
Eye: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

5.2 Special hazards arising from the substance or mixture

No additional information available.

5.3 Advice for firefighters

No additional information available.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4 Reference to other sections

For further information refer to sections 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging: Keep only in original container.

7.3 Specific end use(s)

No additional information available.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Ethanol (64-17-5)

Ireland, Local name: Ethanol

Ireland, OEL (15 min ref) (ppm): 1000 ppm

United Kingdom, Local name: Ethanol

United Kingdom, WEL TWA (mg/m³): 1920 mg/m³

United Kingdom, WEL TWA (ppm): 1000 ppm

Methanol (67-56-1)

Ireland, Local name: Methanol

Ireland, OEL (8 hours ref) (mg/m³): 260 mg/m³

Ireland, OEL (8 hours ref) (ppm): 200 ppm

Ireland, Notes (IE): Sk, IOELV

United Kingdom, Local name: Methanol

United Kingdom, WEL TWA (mg/m³): 266 mg/m³

United Kingdom, WEL TWA (ppm) : 200 ppm

United Kingdom, WEL STEL (mg/m³): 333 mg/m³

United Kingdom, WEL STEL (ppm) : 250 ppm

United Kingdom, Remark (WEL) : Sk

8.2 Exposure controls

Materials for protective clothing: Not required for normal conditions of use

Hand protection: In case of repeated or prolonged contact wear gloves

Eye protection: Not required for normal conditions of use

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Physical state	Liquid
Appearance	Liquid
Colour	Blue
Odour	Characteristic
pH	10
Flash point	≈ 37°C
Relative density	0.97

9.2 Other information

No additional information available.

Section 10: Stability and reactivity

10.1 Reactivity

No additional information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No additional information available.

10.4 Conditions to avoid

No additional information available.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No additional information available.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified, pH: 10

Serious eye damage/irritation: Not classified, pH: 10

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Section 12: Ecological information

12.1 Toxicity

No additional information available.

12.2 Persistence and degradability

No additional information available.

12.3 Bioaccumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Other adverse effects

No additional information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

No additional information available.

Section 14: Transport information

General

In accordance with ADR / RID / IMDG / IATA / ADN: Not regulated for transport

14.1 UN Number

n/a

14.2 UN proper shipping name

n/a

14.3 Transport hazard class(es)

n/a

14.4 Packing group

n/a

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6 Special precautions for user

No data available

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

n/a

Section 15: Regulatory information

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

EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full text of H- and EUH-phrases:

Acute Tox. 3 (Dermal) : Acute toxicity (dermal), Category 3

Acute Tox. 3 (Inhalation) : Acute toxicity (inhal.), Category 3

Acute Tox. 3 (Oral) : Acute toxicity (oral), Category 3

Aquatic Acute 1: Hazardous to the aquatic environment — Acute Hazard, Category 1

Eye Dam. 1: Serious eye damage/eye irritation, Category 1

Flam. Liq. 2: Flammable liquids, Category 2

Flam. Liq. 3: Flammable liquids, Category 3

Skin Irrit. 2: Skin corrosion/irritation, Category 2

STOT SE 1: Specific target organ toxicity — single exposure, Category 1

H225: Highly flammable liquid and vapour

H226: Flammable liquid and vapour

H301: Toxic if swallowed

H311: Toxic in contact with skin

H315: Causes skin irritation

H318: Causes serious eye damage

H331: Toxic if inhaled

H370: Causes damage to organs

H400: Very toxic to aquatic life

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.