

SAFETY DATA SHEET**Sparkle****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Sparkle

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

Identified uses Glass cleaner.

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. 3 - H226

Health hazards

Eye Irrit. 2 - H319

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

R10.

2.2. Label elements**Pictogram**

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

Sparkle

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local regulations.

Detergent labelling

< 5% EDTA and salts thereof

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

| | |
|--|--|
| PROPAN-2-OL | 5-10% |
| 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 | |
| 2-BUTOXYETHANOL | 1-5% |
| CAS number: 111-76-2 EC number: 203-905-0 REACH registration number: 01-2119475108-36 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) |
| Acute Tox. 4 - H302 | Xn;R20/21/22 Xi;R36/38 |
| Acute Tox. 4 - H312 | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| SODIUM HYDROXIDE | <1% |
| CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119457892-27 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) |
| Met. Corr. 1 - H290 | C;R35 |
| Skin Corr. 1A - H314 | |

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****Inhalation**

Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

Remove affected person from source of contamination. Rinse mouth thoroughly with water. Keep affected person away from heat, sparks and flames. DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with the following media: Dry chemicals, sand, dolomite etc. Alcohol-resistant foam. Water spray, fog or mist. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Specific hazards

Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Use water spray to reduce vapours. Ventilate closed spaces before entering them. Move containers from fire area if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use good earthing procedures when decanting from container.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

Storage class

Unspecified storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

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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

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk)

Short-term exposure limit (15-minute): WEL 50 ppm(Sk)

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 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/m3 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/m3 |
| 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 |

Alcohols, C12-14, ethoxylated (1-2,5 EO), sulphates, sodium salts (CAS: 68891-38-3)

| | |
|------|--|
| DNEL | Industry - Dermal; Long term systemic effects: 2750 mg/kg/day Industry - Inhalation; Long term systemic effects: 175 mg/m3 Consumer - Oral; Long term systemic effects: 15 mg/kg/day Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m3 |
| PNEC | - Fresh water; 0.24 mg/l - Marine water; 0.024 mg/l - Intermittent release; 0.071 mg/l - Sediment; 5.45 mg/kg - Marine water; 0.545 mg/kg - Soil; 0.946 mg/kg - STP; 10 g/L |

SODIUM HYDROXIDE (CAS: 1310-73-2)

| | |
|------|--|
| DNEL | Consumer - Inhalation; Long term local effects: 1 mg/m3 Industry - Inhalation; Long term local effects: 1 mg/m3 |
|------|--|

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

When using do not smoke

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Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

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

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Blue.

Odour

Mild.

pH

pH (concentrated solution): 7.5 - 10

Flash point

41°C CC (Closed cup).

Upper/lower flammability or explosive limits

Lower flammable/explosive limit: 1.7% Upper flammable/explosive limit: 11.5%

Relative density

0.985 @ 15°C

Solubility(ies)

Soluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising agents. Reducing agents.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents.

10.6. Hazardous decomposition products

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

Sparkle

of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

16,666.66666667

Acute toxicity - dermal

ATE dermal (mg/kg)

36666.66666667

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident. Gastrointestinal symptoms, including upset stomach.

Skin contact

Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritating to eyes.

Acute and chronic health hazards

Slightly irritating.

Route of entry

Ingestion. Skin and/or eye contact

SECTION 12: Ecological Information

Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability

The product is biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

General Packs of 5L and under are not regulated under the Limited Quantities Provisions.

14.1. UN number

UN No. (ADR/RID) 1993

Sparkle

| | |
|---------------|------|
| UN No. (IMDG) | 1993 |
| UN No. (ICAO) | 1993 |
| UN No. (ADN) | 1993 |

14.2. UN proper shipping name

| | |
|--------------------------------|--------------------------|
| Proper shipping name (ADR/RID) | FLAMMABLE LIQUID, N.O.S. |
| Proper shipping name (IMDG) | FLAMMABLE LIQUID, N.O.S. |
| Proper shipping name (ICAO) | FLAMMABLE LIQUID, N.O.S. |
| Proper shipping name (ADN) | FLAMMABLE LIQUID, N.O.S. |

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 3 |
| ADR/RID classification code | F1 |
| ADR/RID label | 3 |
| IMDG class | 3 |
| ICAO class/division | 3 |
| ADN class | 3 |

Transport labels**14.4. Packing group**

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-E, S-E |
| ADR transport category | 3 |
| Emergency Action Code | •3YE |
| Hazard Identification Number (ADR/RID) | 33 |
| 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****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Sparkle

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Guidance

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 18/11/2014

Revision 1

SDS number 11147

SDS status Approved.

Risk phrases in full

R10 Flammable.

R11 Highly flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Disclaimer

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.