

Safety Data Sheet

according to Regulation (EC) No 1907/2006

winterhalter®

B 2 S

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

1.1. Product identifier

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

Use of the substance/mixture

Rinse aid

1.3. Details of the supplier of the safety data sheet

Supplier

Company name: Winterhalter Ltd.
Winterhalter House
Street: Roebuck Way, Knowlhill Milton Keynes
Place: UK Buckinghamshire MK5 8WH United Kingdom
Telephone: +44 1908 3590-00
Telefax: +44 1908 3590-60
e-mail: info@winterhalter.co.uk
Internet: www.winterhalter.co.uk

1.4. Emergency telephone number: National Poisons Centre, Birmingham: +44 845 4647
Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Precautionary statements

P501 Disposal in accordance with local regulations.

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of the following substances with non-hazardous admixtures

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Hazardous components

EC No	Chemical name	Quantity
CAS No		
Index No	GHS Classification	
REACH No		
239-854-6	Sodium p-cumenesulphonate	5 - < 10 %
15763-76-5		
	Eye Irrit. 2; H319	
01-2119489411-37		
201-069-1	Citric acid	1 - < 5 %
77-92-9		
	Eye Irrit. 2; H319	
01-2119457026-42		
931-986-9	Alcohols C12-14, ethoxylated, propoxylated	1 - < 5 %
68439-51-0		
	Aquatic Acute 1; H400	

Full text of H and EUH statements: see section 16.

Further Information

Note: This hazard characteristics relate to the properties of the pure ingredients. Labelling of the mixture (product), see section 2.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately. In the event of persistent symptoms receive medical treatment.

After inhalation

When used as intended, exposure through inhalation is not to be expected.

After contact with skin

Wash with water and soap and rinse thoroughly. Remove and wash contaminated clothing before re-use.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. In the event of persistent symptoms receive medical treatment.

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

Refer to section: 11

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: carbon monoxide and carbon dioxide

5.3. Advice for firefighters

Product does not burn, fire-extinguishing activities according to surrounding.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Flush away residues with water.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Follow the directions. Do not mix with other products. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Contaminated work clothing should not be allowed out of the workplace.

Advice on protection against fire and explosion

No specific precautions required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and store at cool and aired place.

Do not use aluminium or light metal containers for warehousing.

Hints on joint storage

Protect from heat and direct solar radiation.

Further information on storage conditions

Recommended storage temperature: 0 - 30°C

7.3. Specific end use(s)

Rinse aid

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Eye/face protection

Not required under normal use.

Hand protection

Not required under normal use.

Respiratory protection

Not required under normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour:	Product-specific
pH-Value (at 20 °C):	approx. 2
Melting point:	Not determined
Initial boiling point and boiling range:	approx. 100 °C

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Flash point:	Not applicable
Evaporation rate:	Not determined
Vapour pressure (at 20 °C):	Not determined
Vapour density:	Not determined
Density (at 20 °C):	~ 1,03 g/cm ³
Bulk density:	Not applicable
Water solubility (at 20 °C):	Multimiscible
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Ignition temperature:	Not applicable
Viscosity / dynamic (at 20 °C):	< 10 mPa·s
Explosive properties:	The product is not explosive.
Oxidizing properties:	Not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No uncommon reactivity known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with light metals, with evolution of hydrogen.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Reactions with light metals, with evolution of hydrogen.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Sodium cumene sulfonate:

LD50/dermal/rat: > 2000 mg/kg

LD50/oral/rat: > 2000 mg/kg

Irritation and corrosivity

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

Sensitising effects

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

STOT-single exposure

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

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

The product does not contain relevant concentrations of substances with carcinogenic or mutagenic properties and/or such that are reprotoxic.

Aspiration hazard

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

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SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

All organic substances contained in the product correspond with the criteria of the test OECD 302 B and the values required for complete biodegradability in Regulation (EC) 648/2004 on Detergents.

12.3. Bioaccumulative potential

The product does not contain relevant concentrations of bioaccumulative substances.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Refer to section: 2.3

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Waste disposal according to local regulations.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

SECTION 14: Transport information

Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO-TI/IATA-DGR); Inland waterways transport (ADN):

14.1. UN number:

No hazardous material as defined by the transport regulations.

14.2. UN proper shipping name:

No hazardous material as defined by the transport regulations.

14.3. Transport hazard class(es):

No hazardous material as defined by the transport regulations.

14.4. Packing group:

No hazardous material as defined by the transport regulations.

14.5. Environmental hazards

No hazardous material as defined by the transport regulations.

14.6. Special precautions for user

No hazardous material as defined by the transport regulations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

1999/13/EC (VOC): 0%

Additional information

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Ingredients according to EC Detergents Regulation 648/2004:

5 - 15% Non-ionic surfactants

Organic acids

additives

National regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

Changes in chapter: 12, 15

Abbreviations and acronyms

EC Directives: acts of the European Union, part of the secondary Union law

CAS-Nr.: Chemical Abstracts Service

TRGS 510: Technical Rules for Hazardous Substances "storage of hazardous materials in portable tanks"

TRGS 900: Technical Rules for Hazardous Substances "workplace exposure limits"

EN 374: Standard for protective gloves (gloves for protection against chemicals and micro-organisms)

EN 166: European safety standards for eye and face protection (requirements)

STOT: Specific target organ toxicity

AVV: European Waste Catalogue

VOC: Volatile organic compound

GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (Agreement concerning the international carriage of Dangerous goods by Road)

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

IMDG-Code: International Maritime Code for Dangerous Goods

ADN: sea and inland waterway transport

ICAO: International Civil Aviation Organization

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships

IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

n.a. - not applicable

Relevant H and EUH statements (number and full text)

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

EUH210 Safety data sheet available on request.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)