

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: Supaclear Deicer
Version 4.0

Date prepared: 02/03/2022

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

1.1. Product Identification

Product name **Supaclear De-icer, 600ml**
Product number **DEI-70013A**
UFI: **FKV7-Y6M1-R00C-HYGR**

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

Product use: **De-icer**

1.3. Details of the supplier of the mixture

Manufacture/Supplier: **Barony Universal Products Plc**
5 Riverside Way
Riverside Business Park
Irvine
Ayrshire
KA11 5DJ
info@baronyuniversal.com

1.4 Emergency telephone number

UK Telephone no: **0800 032 5575 (8.30-17.00, UK time)**

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No.1272/2008 {CLP/GHS}	
Hazard classes/Hazard categories	Hazard Statement
Extremely flammable aerosol	H222
Pressurised container: May burst if heated.	H229
Causes skin irritation	H315
Causes serious eye irritation	H319
Harmful if swallowed	H302

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

*Product: Supaclear Deicer
Version 4.0*

Date prepared: 02/03/2022

2.2 Label Elements

Labelling according to CLP (EU) N°1272/2008

Hazard pictogram(s):



Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation
H319 Causes serious eye irritation
H302 Harmful if swallowed

Precautionary statement

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50°C. Do not spray on an open flame or other ignition source. Do not breathe spray Keep out of reach of children.

IF ON SKIN: Wash with plenty of soap and water.

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.

IF SWALLOWED: Call a doctor if you feel unwell.

2.2 Other hazards:

No data available

SECTION 3. COMPOSITION /INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable, product is a mixture.

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: Supaclear Deicer
Version 4.0

Date prepared: 02/03/2022

3.1 Mixtures:

Hazardous components

<u>Chemical name</u>	<u>CAS N°</u> <u>EC N°</u>	<u>%</u> <u>[weight]</u>	<u>Classification</u> <u>Regulation (EC) N</u> <u>°1272/2008</u>	<u>REACH</u> <u>registration N°</u>
Butane	106-97-8 203-448-7	30-60	Flam. Gas 1, H220 Press. Gas, H280	Exempt
Isobutane	75-28-5 200-857-2	10-30	Flam. Gas 1, H220 Press. Gas, H280	Exempt
Propane	74-98-6 200-827-9	10-30	Flam. Gas 1, H220 Press. Gas, H280	Exempt
Ethanol	64-17-5 200-578-6	>30	Flammable liquid, Cat 2. H225	01-2119457610-43- xxxx
Monoethylene Glycol (Ethanediol)	107-21-1 203-473-3	5 - 15	Acute Tox (Oral) Cat 4 H302	01-2119456816-28- xxxx
Ammonia solution 33%	1336-21-6 231-635-3	Less than 1	Skin Corr Cat 1B H314, Acute Aqua Tox Cat 1 H400	01-2119488876-14- xxxx
Methanol	67-56-1 200-659-6	Less than 1	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	01-2119433307-44- xxxx

They are no additional ingredients present which, with the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation

Remove patient from exposure to fresh air, rest and keep warm in a position comfortable for breathing. If breathing has stopped, apply artificial respiration. Seek medical advice if symptoms persist

Eye Contact

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.

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: Supaclear Deicer
Version 4.0

Date prepared: 02/03/2022

Skin Contact	Flush immediately with plenty of water, seek medical advice if Irritation persists. Remove any contaminated clothing, shoes, jewellery and wash before reuse.
Ingestion	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. Seek medical advice if symptoms persist.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training. Wear suitable protective clothing, gloves and eye protection

4.2 Most important symptoms/effects, acute & delayed

Potential acute health effects

Eye contact:	Causes serious eye irritation
Inhalation:	Vapours may cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Skin contact:	May cause skin dryness and irritation
Ingestion:	Harmful if swallowed

4.3 Indication of any immediate medical attention and special treatment needed

See section 4.1 for further information

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media :

Suitable extinguishing: CO2, foam, dry chemical or skilled use of water spray.
media

Unsuitable extinguishing: Do not use water jet.
Media

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

*Product: Supaclear Deicer
Version 4.0*

Date prepared: 02/03/2022

5.2 Special hazards arising from the substance or mixture

Hazard from the substance or mixture : Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Special Exposure Hazards: Beware of exploding cans.

5.3 Advice for fire fighters:

Extremely-Flammable product. Container liable to explode if subjected to extreme temperatures >50°C. Protective Equipment for Fire-fighters: Self-contained breathing apparatus and protective clothing. Standard procedure for chemical fires. Prevent fire-fighting water entering water courses or ground water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel Evacuate surrounding areas.

Remove all ignition sources. Ensure adequate ventilation.
Wear appropriate personal protective equipment. See personal protective equipment in section 8.

6.1.2 For emergency responders: See the information “for non-emergency personnel
See personal protective equipment in section 8.
Large spills/enclosed spaces: a self-contained breathing apparatus is recommended. Monitor area with combustible gas meter if necessary.

**6.2 Environmental:
Precautions** Avoid dispersal of split material and contact with soil, waterways, drains, and sewers. Inform the relevant Authorities if the product has caused environmental pollution (sewers, waterways, soil and air)

6.3 Method and materials for containment and clean up

Small spill: Stop leak if without risk. Move containers from spill area.
Dilute with water and mop up if water-soluble.

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N °453/2010

**Product: Supaclear Deicer
Version 4.0**

Date prepared: 02/03/2022

Large spill:

Stop leak without risk. Move containers from spill area. Approach the release from upwind. Prevent entry to sewers, water courses, basements or confined areas. Absorb spillage with non-combustible, absorbent material e.g sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the split product.

6.4 Reference to other Sections

See section 13.

SECTION 7. HANDLING AND STORAGE
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The information in this section contains generic advice and guidance.

7.1 Precautions for safe handling protective measures

Put on appropriate personal protective equipment (see section 8). Wear appropriate respirator when ventilation is inadequate. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas, vapour or mist. Use only with adequate ventilation.

.Do not pierce or burn, even after use... Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparkling tools. Empty containers retain product residue and can be hazardous.

7.2 Conditions for safe Storage, including any incompatibilities

Pressurised container: protect from sunlight and do not exposure to temperature exceeding 50°C
Store away from direct sunlight in a dry ,cool, and well-ventilated area, away from incompatible materials (see section 10), food and drink. Store and use away from heat, sparks, open flame or any other ignition source. Use appropriate containment to avoid environmental contamination

7.3 Specific end uses: Recommendations Industrial sector specific solutions

Not available

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: Supaclear Deicer
Version 4.0

Date prepared: 02/03/2022

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits

Limit value UK

Biological Exposure Index (BEI): No biological limit allocated.

Derived No Effect Levels (DNEL):

General population

Ethanol

Effect level (DNEL/ DMEL)	Type	Value
DNEL (Consumer)	Acute local effects inhalation	950 mg/m ³
	Long-term systemic effects dermal	206 mg/kg bw/ day
	Long-term systemic effects oral	87 mg/kg bw/d

Monoethylene Glycol

Effect level (DNEL/ DMEL)	Type	Value
DNEL (Consumer)	Acute local effects inhalation	7 mg/m ³
	Long-term systemic effects dermal	53 mg/kg bw/ day
	Long-term systemic effects oral	

Ammonia

Effect level (DNEL/ DMEL)	Type	Value
DNEL (Consumer)	Acute local effects inhalation	7.2 mg/m ³
	Long-term systemic effects dermal	68 mg/kg bw/ day
	Long-term systemic effects oral	6.8 mg/kg bw/d

Methanol

Effect level (DNEL/ DMEL)	Type	Value
DNEL (Consumer)	Acute local effects inhalation	50 mg/m ³
	Long-term systemic effects dermal	8 mg/kg bw/ day
	Long-term systemic effects oral	8 mg/kg bw/d

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

*Product: Supaclear Deicer
Version 4.0*

Date prepared: 02/03/2022

PNEC related information:

8.2 Exposure controls

Not applicable

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Physical Form:	Aerosol Container/Spray
Colour:	N/A
Odour:	Characteristic
Odour threshold	N/A
pH	10.5-11.5
Melting Point/freezing point:	N/A
Boiling Point:	N/A
Flash Point:	N/A
Evaporation rate	N/A
Flammability:	Extremely flammable
Vapour Pressure:	4 bar at 25 C
Vapour density	N/A
Density:	N/A
Water Solubility:	Not determined
Other Solubility:	Not determined
Partition Coefficient:	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	N/A
Explosive properties	N/A
Oxidising properties	N/A

9.2 Other information

Other information N/A

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable product under recommended storage and handling conditions.

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

*Product: Supaclear Deicer
Version 4.0*

Date prepared: 02/03/2022

10.2 Chemical stability	Stable product under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Avoid all possible source of ignition (spark or flame), high temperature
10.5 Incompatible materials	Oxidising agents
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition will not occur
Thermal decomposition:	Stable under normal conditions.
Conditions to avoid:	High temperature, sparks, naked flame.

SECTION 11. Toxicological information

Acute toxicity : based on available data, the classification criteria are not met

Irritation : May irritate sensitive skin

Corrosivity : based on available data, the classification criteria are not met

Sensitisation : based on available data, the classification criteria are not met

Repeated dose toxicity: based on available data, the classification criteria are not met

Carcinogenicity: based on available data, the classification criteria are not met

Mutagenicity : based on available data, the classification criteria are not met

Toxicity for reproduction: based on available data, the classification criteria are not met

Classification of the mixture is based on the relevant ingredient of the mixture

SECTION 12. Ecological information

12.1 Toxicity

Based on available data, the classification criteria are not met

12.2 Persistence & Degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: Supaclear Deicer
Version 4.0

Date prepared: 02/03/2022

No data available

12.5 Results of PBT and vPvB assessment.

No data available

12.6 Other adverse environmental effects

N/A

SECTION 13. Disposal Conditions

13.1 Waste treatments methods

Dispose of in accordance with local regulations. Waste products is considered as hazardous waste and disposed via licences operator. European Waste Catalogue Index 150111 (empty container)
1602504 (full container)

SECTION 14. Transport Information

	Land transport (ADR/RID)	Sea Transport (IMDG)	Air transport (IATA)
14.1 UN no	UN1950	UN1950	UN1950
14.2 UN proper shipping name	Aerosols	Aerosols	Aerosols
14.3 Transport hazard classes	Class 2.1	Class 2.1	Class 2.1
14.3 Packing group	None	None	None
14.5 Environmental hazards	Refer to section 2	Refer to section 2	Refer to section 2

14.6 Special precautions for user

Do not use the product inside vehicles. Use in a well ventilated area.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N °453/2010

*Product: Supaclear Deicer
Version 4.0*

Date prepared: 02/03/2022

SECTION 15. Regulatory Information

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

CLP 1272/2008
Aerosol Dispenser Directive 2013/10/EU

SECTION 16. Other Information

Revision comment

Version 4.0
Date: 02/03/2022