



SAFETY DATA SHEET

Concrete Removal Foam

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

1.1. Product identifier

Product name Concrete Removal Foam

Superconcentrated Detergent Safe and Efficient Removal of Dried Concrete Residues from Plant and Machinery

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier Rozone Ltd
Queen Street
Darlaston
Wednesbury
West Midlands
WS10 8JF
Tel: 0121 526 8181
info@rozone.co.uk

1.4. Emergency telephone number

Emergency telephone Rozone: 0121 526 8181 (Mon - Fri, 09:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Skin Corr. 1 - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

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Precautionary statements	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p>
Contains	UREA HYDROCHLORIDE
Detergent labelling	< 5% amphoteric surfactants
Supplementary precautionary statements	<p>P260 Do not breathe vapour/ spray.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

UREA HYDROCHLORIDE	15-30%
CAS number: 506-89-8	
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
DIPROPYLENE GLYCOL METHYL ETHER	5-10%
CAS number: 34590-94-8 EC number: 252-104-2	
Classification	
Not Classified	

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

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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Ingestion	Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting.
Skin contact	Rinse cautiously with water for several minutes. Remove contaminated clothing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

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

Inhalation	Coughing. Irritation.
Ingestion	Gastrointestinal symptoms, including upset stomach. Muscle weakness.
Skin contact	Redness. Pain.
Eye contact	Symptoms following overexposure may include the following: Redness. Pain.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon dioxide (CO ₂). Carbon monoxide (CO).
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5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes and clothing. Take care as floors and other surfaces may become slippery. Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate area. Do not touch or walk into spilled material.
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6.2. Environmental precautions

Environmental precautions	Not regarded as dangerous for the environment.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Small Spillages: <5 L Following dilution, discharge to the sewer with plenty of water may be permitted. Large Spillages: Contain spillage with sand, earth or other suitable non-combustible material. Dispose of this material and its container to hazardous or special waste collection point.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.
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7.2. Conditions for safe storage, including any incompatibilities

Storage class Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description

1. Dilute Rozone Plant Cleaner – Concrete as required.
2. Apply directly to the surface as a foam. Alternatively product can be brushed on. But note that brushing can create a spray of product.
3. Rinse and repeat as necessary. Rinse off with fresh water.

Dilution:

Light Deposits: 30% (3:1)

Heavy Deposits: 50% (2:1)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DIPROPYLENE GLYCOL METHYL ETHER

Long-term exposure limit (8-hour TWA): 50 ppm

DIPROPYLENE GLYCOL METHYL ETHER (CAS: 34590-94-8)

DNEL

Industry - Dermal; Long term : 65 mg/kg/day
 Industry - Inhalation; Long term : 310 mg/m³
 Consumer - Dermal; Long term : 15 mg/kg/day
 Consumer - Inhalation; Long term : 37.2 mg/m³
 Consumer - Oral; Long term : 1.67 mg/kg/day

PNEC

- Fresh water; 19 mg/l
- marine water; 1.9 mg/l
- STP; 4168 mg/l
- Sediment (Freshwater); 70.2 mg/kg
- Sediment (Marinewater); 70.2 mg/kg
- Soil; 2.74 mg/kg
- Intermittent release; 19 mg/l

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear chemical splash goggles.

Hand protection

Gloves made from the following material may provide suitable chemical protection: Butyl rubber.

Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Concrete Removal Foam

Appearance	Clear liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic.
pH	pH (concentrated solution): 1.00
Relative density	1.09 @ °C
Solubility(ies)	Miscible with water.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.4. Conditions to avoid

Conditions to avoid	No specific requirements are anticipated under normal conditions of use.
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10.5. Incompatible materials

Materials to avoid	Alkalis. Oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Decomposition at ambient temperatures may generate the following substances:
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	1,984.13
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Inhalation	May cause respiratory irritation.
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Ingestion	Harmful if swallowed.
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Skin contact	Causes severe skin burns and eye damage.
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SECTION 12: Ecological information

12.1. Toxicity

Toxicity	Not classified for environmental hazards.
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12.2. Persistence and degradability

Persistence and degradability	The degradability of the product is not known.
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12.3. Bioaccumulative potential

Concrete Removal Foam

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Following dilution, discharge to the sewer with plenty of water may be permitted.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

UN No. (ADN) 1760

14.2. UN proper shipping name

Not applicable.

Proper shipping name (ADR/RID) CORROSIVE LIQUID, N.O.S. (Contains urea hydrochloride)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (Contains urea hydrochloride)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (Contains urea hydrochloride)

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (Contains urea hydrochloride)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

Transport labels



14.4. Packing group

Not applicable.

Concrete Removal Foam

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-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

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

Not applicable.

SECTION 15: Regulatory information

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

National regulations	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended). The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits.
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date	18/07/2022
Revision	2
Supersedes date	17/03/2016
Hazard statements in full	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.

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.