

Compilation date: 26/09/2017
8122/EN/SDS

Drain Unblock

– EN

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Valid for: 1 year from approval

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SECTION 1: Identification of the substance or preparation and of the company.

1.1. Product Identification

Type of product:	Mixture of detergents, portion controlled
Trade name:	Drain Unblock
Reach registration number:	-

1.2. Relevant identified use of the substance or mixture and discouraged use

1.2.1. Relevant identified use

Description / Use:	Cleaning Product
Spec. Industrial / professional use:	For professional use

1.2.2. Forms of use that are not recommended

No use for other than professional cleaning

1.3 Information concerning the supplier of the safety data

Company Identification:	Aspen Pumps Group Apex Way Hailsham East Sussex BN27 3WA Tel: +44 (0)1323 848842 Fax: +44 (0)1323 848846 Email: sales@aspenspumps.com
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Emergency telephone number	+44 (0)203 394 9889
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SECTION 2: Identification of dangers

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC). 1272/2008 [CLP]

Ox. Sol. 0	-
Acute Tox. 0 (Oral)	-
Eye Dam. 1	H319

Full text of H-phrases: see section 16

2.1.2. Adverse physicochemical, human health and environmental

No additional information available

2.2. Label elements

2.2.1. Labelling according to Regulation (EC). 1272/2008 [CLP]

Hazard pictograms (CLP):



GHS 05: Corrosive



GHS 07: Harmful

CLP Signal word:

Danger

Hazardous ingredients:

Sulfamic acid

Hazard statements (CLP):

H315, H319, H412

Precautionary statements (CLP):

P273, P305+P351+P338

2.3. Other hazards

Physical/chemical hazards :

Decomposes above 50 °C (Creation of: Carbon dioxide + Sodium carbonate).

Hazards for the health :

Remains in powder format up to 50°C. Creates an irritating puff of dust if spilt.

Hazards for the environment :

No significant danger. This product is no substance or contains no PBT or vPvB (in accordance with Annex XIII).

Hazards for the safety :

No significant danger.

2.4. Other dangers

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII.:

Not applicable

P : no

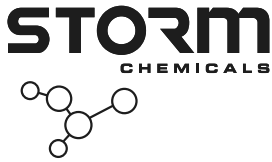
B : no

T : no

Substance meets the criteria for vPBT accordance with Regulation (EC) No. 1907/2006, Annex XIII.:

vP : no

vB : no



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DRAIN UNBLOCK**

SECTION 3: Composition and information on ingredients

3.1. Substance
Not applicable

3.2. Mixture [English]

Name (IUPAC)	Product identification	%	Classification according to Regulation (EC). 1272/2008 [CLP]
Sulfamic acid	(CAS No.) 5329-14-6 (Einecs No.) 226-218-8 (EG annex No.) 226-218-8 (REACH-No.) 01-2119488633-28	> 50 - < 80	H315, H319, H412 P273, P305+P351+P338
2-hydroxypropane-1,2,3-trioic acid	(CAS No.) 77-92-9 (Einecs No.) 201-069-1 (REACH No.) 01-2119457026-42-0004 E330	> 30 - < 50	H319 P264, P280, P305+P351+P338, P337+P313

Full text of R- and H-phrases: see section 16

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SECTION 4: First aid measures

4.1. Description of the first-aid measures

General advice:	In case of doubt or persistent symptoms, consult a doctor
Inhalation:	Remove the victim to fresh air, to a quiet place and if necessary consult a doctor.
Skin contact:	Wash with plenty of water. Medical assistance attention if irritation occurs.
Eye contact:	In case of contact with eyes with plenty of rinse water (at least 15 min.). Remove contact lenses.
Ingestion:	Call an ANTIPOISON CENTER or a doctor Rinse mouth with water. Do not induce vomiting. Call an ANTIPOISON CENTER or a doctor.

4.2. Main acute and delayed symptoms and effects

Skin contact:	May cause skin irritation / dermatitis.
Eye contact:	Risk of eye irritation.
Oral:	May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing products

Suitable Extinguishing products:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Suitable extinguishing products or actions:	In case of fire in the vicinity all extinguishing products are allowed. Large quantities of water.
Unsuitable extinguishing products or actions:	Do not use a heavy water stream.

5.2. Special dangers caused by the substance or mixture

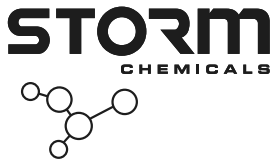
Fire danger:	Not combustible. Fire may liberate carbon oxides (CO _x) and smoke.
General measures:	Keep away from open flame.

5.3. Advice for firefighters

Special Protective Equipment for Firefighters:	Use self-contained breathing apparatus and wear protective clothes when in close proximity to fire.
Special Procedures :	Apply water spray or fog to cool nearby equipment. Avoid fire-fighting water to enter environment.

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SECTION 6: Measures to be taken at accidental release of the substance or mixture

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For others than the emergency personnel

No additional information available.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

No additional information available.

6.3. Methods and materials for containment and cleaning

See section 13.

6.4. Reference to other sections

No additional information available.

SECTION 7: Handling and Storage

7.1. Precautions for the safe handling of the substance or the mixture

Observe the usual precautions when handling chemicals. Contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Keep container tightly closed to prevent contamination and moisture absorption. Emergency eyewash and safety showers are to be installed in the vicinity of any place where the risk for exposure.

7.2. Conditions for a safe storage, including any incompatibilities

Store sealed container in a dry, well ventilated area away from heat sources and direct sunlight. Avoid extreme temperature changes. The product is hygroscopic.

The penetration of moisture to avoid.

Storage temperature 20 °C ± 5 °C / 68 °F ± 41 °F

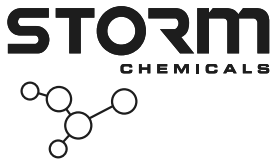
Storage humidity <50 RH

7.3. Specific end use

As a cleaning product according to packaging instructions.

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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Occupational Exposure Limits :	Not established.
Biological limit values :	They will be included when available.
DNELs :	They will be included when available.
PNECs :	They will be included when available.

8.2. Technical measures:

Provide eyewash close to the workstation.

Exposure limit values:

No limits set.

Personal protection measures:

Being at work do not eat, drink, smoke, personal protection by safety expert advice.

8.3. Measures to control exposure

Hand protection:

According local regulations. Consult safety expert.

Eye protection:

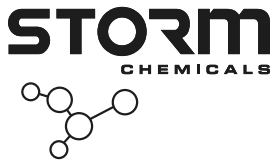
According local regulations. Consult safety expert.

Protection of skin and body:

According local regulations. Consult safety expert.

Respiratory protection:

According local regulations. Consult safety expert.



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SECTION 9: Physical and chemical properties

9.1. Information about basic physical and chemical properties

Physical state:	Solid, portion controlled
Physical state / form:	Powder
Color:	Colored. Typical.
Odor:	Perfumed. None
Odor threshold:	No data available
pH:	NA
pH 1% w/w water @ 20 °C / 68 °F:	2.5 ± .5
Melting point / range:	No information available
Solidification / freezing point:	No data available
Boiling point / range:	No information available
Flash point:	No information available
Relative Evaporation Rate (butyl acetate = 1):	Data not available
Flammability (solid, gas):	Not applicable
Explosion limits:	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C / 68 °F:	No data available
Relative density:	No data available
Density:	1015 ± 100 g / L – 35.80 ± 3.5 oz / QT
Solubility:	No data available
Log Pow:	No data available
Ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No information available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable under normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Moist air. Overheating.

10.5. Incompatible materials

Never mix with chemicals.

10.6. Hazardous decomposition products

In case of persistent heating can release hazardous decomposition products such as smoke, carbon monoxide or carbon dioxide.

SECTION 11: Toxicological information

11.1. Information about toxicological effects

Acute toxicity

- Inhalation :

LC50(Inhalation): No data available

- Skin contact :

LD50(Dermal, rat): 2000mg/kg bw

- Ingestion :

LD50(Oral, rat): 2000 mg/kg bw

Skin corrosion/irritation :

irritating

Serious eye damage/irritation :

irritating

Aspiration hazard :

Not classified

Respiratory or skin sensitisation :

Not sensitive.

Carcinogenicity :

Not listed as carcinogenic.

Mutagenicity :

Not listed as mutagenic.

Reproductive toxicity :

Not listed for reproductive toxicity.

Specific target organ toxicity :

To human : Listed not for organ toxicity.

- single exposure

For animals : No effects known.

Specific target organ toxicity :

To human : Listed not for organ toxicity.

- repeated exposure

For animals : No effects known.

SECTION 12: Ecological information

12.1. Toxicity

- Ecotoxicity :
- Sulfamic acid : LC50 (Fish, 96 u) : 70,3 mg/l (Pimephales promelas)
 - Sulfamic acid : EC50 (Algea, 72 u) : 48 mg/l (Desmodesmus subspicatus)
 - Sulfamic acid : EC50 (Daphnia magna, 96 u) : 71,6 mg/l

12.2. Persistence and degradability

The surfactant (s) contained in this preparation (s) meet the criteria for biodegradability laid down in Regulation (EC) no. 648/2004 on detergents. Data to support this assertion are held at the disposal of the Member States' competent authorities and will meet them be made available at direct request or at the request of a detergent manufacturer.

This mixture or substance	
Persistence and degradability	Not determined.

12.3. Bioaccumulation

No additional information available - not expected

12.4. Mobility in soil

Moderatly soluble in water.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Photochemical ozone creation potential : No data available.

Ozone depletion potential : No data available.

Endocrine disrupting potential : No data available.

Global warming potential : No data available.

SECTION 13: Disposal

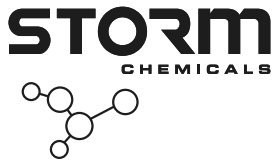
13.1. Waste processing procedures

Waste / unused products:

Collect all waste in suitable and labeled containers and remove in accordance with local regulations.

13.2. Additional information

Not known.



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SECTION 14: Information concerning transportation

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN No. (ADR): -

14.2. Proper shipping name of the model UN

Shipping Name: -

Transport document description: -

14.3. Transport hazard class (es)

Class (ADR): -

Danger labels (ADR): -

14.4. Packing

Packaging group (UN): -

14.5. Environmental hazards

Other information: -

14.6. Special precautions for the user

14.6.1. Land Transport

Hazard number (Kemler number) : -

Classification (ADR): -

Transport category (ADR): -

Tunnel category: -

Limited quantities (ADR): -

LQ : -

Excluded amounts (ADR): -

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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

Not applicable

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SECTION 15: Regulations

15.1. Specific safety-, health- and environmental regulations and legislation for the substance or the mixture

15.1.1. EU rules

Contains no material that falls under the restrictions of Annex XVII
This mixture is not on the candidate list of REACH
Does not contain any substances on the candidate list of REACH
Contains no REACH Annex XIV substance.

15.1.2. National regulations

No additional information available

15.2. Chemical safety

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

It is recommended to pass on the information in this safety data sheet to the users, if necessary, in a modified form. This information is up-to-date to the best of our knowledge. The information relates to a specific product and is not valid in combination with other products.

This safety data sheet is prepared in accordance with EEC Regulation 1907/2006 / EEC. It is the responsibility of the user to take the necessary measures to comply with local laws and regulations. The manufacturer takes no responsibility for any loss or damage arising from the use of this data.

HISTORY

DATE OF LAST REVISION: **26-09-2017** REVIEW CHAPTER (S) No 1 t / m 16

List of Hazard Statements (H-Phrases)

Health hazards

H315 Causes skin irritation
H319 Causes serious eye irritation

Environmental hazards

H412 Harmful to aquatic life with long lasting effects

List of Precautionary Statements (P-phrases)

Prevention precautionary statements

P273 Avoid release to the environment

Response precautionary statements

P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

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List of Abbreviations used in this MSDS:

- CAS Chemical Abstracts Service
 CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
 DSD Dangerous Substances Directive 67/548/EEC
 DPD Dangerous Preparations Directive 1999/45/EC
 EC European Community/Commission P
 BT Persistent, Bio accumulative and Toxic
 REACH Registration, Evaluation, Authorization and Restriction of Chemicals Regulation (EC) no 1907/2006
 vPvB very Persistent, very Bio accumulative

Cleanright

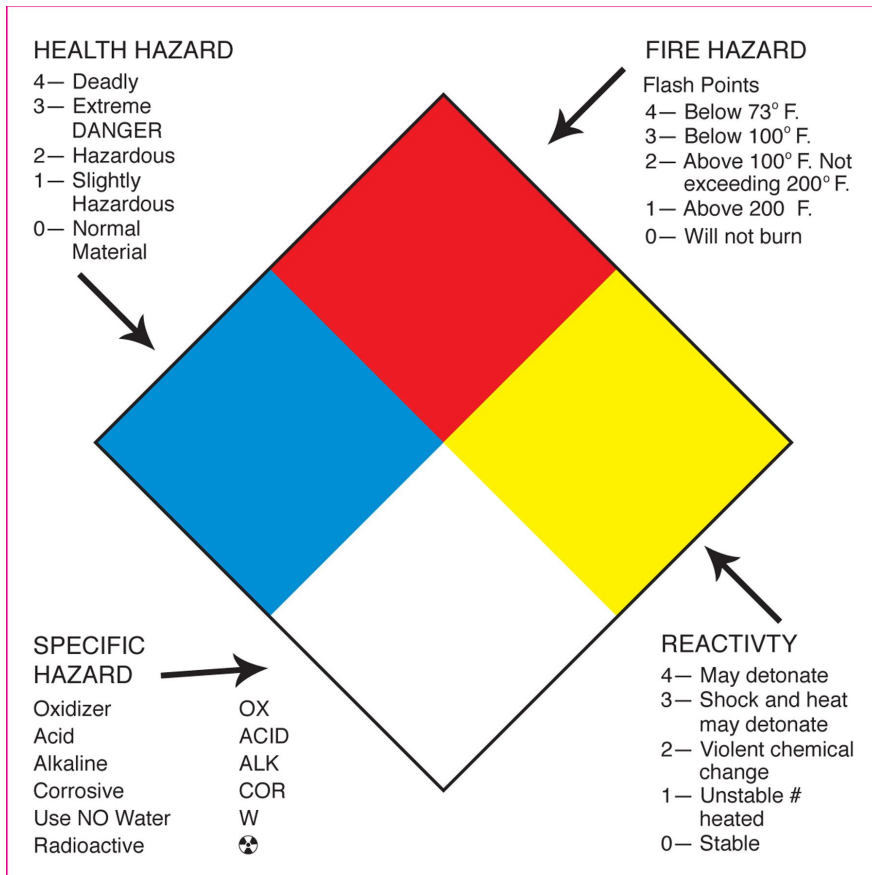
SAFE USE ICONS

			
Keep away from children.	Rinse hands after use.	Do not ingest. If product is ingested then seek medical advice.	Do not mix with other products
			
Keep away from eyes. If product gets into eyes rinse thoroughly with water.	People with sensitive or damaged skin should avoid prolonged contact with the product.	Do not change container to store contents.	Ventilate the room after use.
Transfer refill content in the original container only			
			
Use with dry hands.	Close the bag properly.	Close the lid properly.	Do not pierce, break or cut.
www.cleanright.eu			© A.I.S.E

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NFPA



Other used names

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