



**SAFETY DATA SHEET
POWDERED DEFOAMER**

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

1.1. Product identifier

Product name POWDERED DEFOAMER
Product number S762

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

Identified uses A highly concentrated anti-foam agent which will neutralise excessive foaming in the vacuum hoses and recovery systems of hot water extraction carpet cleaning equipment.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Not Classified

Environmental hazards

Not Classified

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

Human health

Contact with concentrate or solution may cause mild transient irritation to eyes and skin. Considered to be a low inhalation hazard at normal workplace temperatures. Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea.

Environmental

The product does not contain any substances expected to be bioaccumulating. The product is not expected to be hazardous to the environment.

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2.2. Label elements

Hazard statements

NC Not Classified

Precautionary statements

- P102 Keep out of reach of children.
- P262 Do not get in eyes, on skin, or on clothing.
- P280 Wear protective gloves.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P313 Get medical advice/attention.

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion
If swallowed, vomiting will probably occur. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin contact
Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Skin contact
Prolonged or repeated exposure may cause the following adverse effects: Skin irritation.

Eye contact
May cause temporary eye irritation.

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

Notes for the doctor
Treat symptomatically. If dust has entered the eyes, proceed as follows. Rinse immediately with plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards
No unusual fire or explosion hazards noted.

Hazardous combustion products

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Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

For concentrate: Recover the product and place in a suitable container for reuse. For solution: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections

For personal protection, see section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Do not store near heat sources or expose to high temperatures. Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): NUI 4 mg/m³ resp. dust 10 mg/m³ total dust
NUI = Nuisance Dust.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

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Side shield safety glasses are recommended when handling this product.

Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Powder.

Colour

White.

Odour

Odourless.

Odour threshold

Not determined.

pH

pH (diluted solution): 8

Initial boiling point and range

Not applicable.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

2.16

Solubility(ies)

Slightly soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not determined.

Viscosity

Not applicable.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

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Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents. Sulphuric acid (H₂SO₄). Nitric acid (HNO₃).

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea. Systemic effects associated with sodium chloride. Dust may irritate the respiratory system. Considered to be a low inhalation hazard at normal workplace temperatures.

Skin corrosion/irritation

Animal data

Prolonged or repeated exposure may cause the following adverse effects: Skin irritation.

Serious eye damage/irritation

Contact with concentrate or solution may produce mild transient irritation if not promptly rinsed.

Skin sensitisation

None known.

Germ cell mutagenicity

Genotoxicity - in vitro

No effects expected based upon current data.

Carcinogenicity

No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility

No effects expected based upon current data.

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Skin contact

Prolonged or repeated exposure may cause the following adverse effects: Skin irritation.

SECTION 12: Ecological Information

12.1. Toxicity

The product is not expected to be hazardous to the environment.

12.2. Persistence and degradability

Persistence and degradability

Sodium chloride is ionic and not easily degradable.

12.3. Bioaccumulative potential

Not known.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

None known.

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. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None.

ADR/RID class

-

IMDG class

-

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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Not applicable.

SECTION 15: Regulatory information

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Telephone 020 8974 1515

Revision date	18/08/2014
Revision	2
Supersedes date	08/05/2012
Signature	Aaron Saunders
Risk phrases in full	NC Not classified.

Disclaimer

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.