

1. Product and Company Identification

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Product Name Power-Foaming Toilet Cleaner B
Part Number RXSOL-15-2777-005

Company Details:....

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Mixtures

SULPHAMIC ACID 30-60%

CAS number: 5329-14-6 EC number: 226-218-8 REACH registration number: 01-

2119488633-28-XXXX

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Aquatic Chronic 3 - H412

CATIONIC GUAR GUM 30-60%

CAS number: 65497-29-2 EC number: 613-809-4

Classification

Eye Irrit. 2 - H319

SODIUM CARBONATE 10-30%

CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-

2119485498-19-XXXX

Classification

Eye Irrit. 2 - H319

3a,4,5,6,7,7a-Hexahydro-4,7-methanoinden-6-yl acetate 1-5%

CAS number: 5413-60-5 EC number: 226-501-6 REACH registration number: 01-

2119934491-39-XXXX

Classification

Eye Irrit. 2 - H319

Aquatic Chronic 3 - H412

TERPINEOL 1-5%

CAS number: 8000-41-7 EC number: 232-268-1 REACH registration number: 01-

2119553062-49-XXXX

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Linalyl acetate 1-5%

CAS number: 115-95-7 EC number: 204-116-4 REACH registration number: 01-

2119454789-19-XXXX

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

The full text for all hazard statements is displayed in Section 16.

Composition comments To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH.

3. Hazards Identification

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Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards	Aquatic Chronic 3 - H412
Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Other hazards	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Precautionary statements	P102 Keep out of reach of children. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/ attention. P402+P404 Store in a dry place. Store in a closed container. P501 Dispose of contents/ container in accordance with national regulations.
Labelling notes	WHEN DILUTED FOR NORMAL USE, SOLUTIONS OF THIS PRODUCT HAVE NO HEALTH OR ENVIRONMENTAL HAZARDS

4. First Aid Measures

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Description of first aid measures

General information	For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.
Skin contact	Remove contaminated clothing that is not stuck to the skin. Flush area with clean water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

General information	Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.
Inhalation	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose.

Ingestion	Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Chemical burns are possible after prolonged contact.
Eye contact	May cause irritation to the eyes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Rinse well with water to neutral pH. Check eyes for damage. Check for abrasion to the surface of eyes.
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5. Fire-fighting Measures

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Suitable Extinguishing Media	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
Specific hazards	The product is non-combustible.
Protective actions during firefighting	<p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.</p>

Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

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

6. Accidental Release Measures

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Personal precautions

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

Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

Methods for cleaning up

Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

Other information

Dispose of materials or solid residues at an authorized site.

Reference to other sections

See sections 8,12 & 13

7. Handling and Storage

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Usage precautions

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

Storage precautions

Keep container tightly closed and dry. Store between 0 and 30 Degrees C.

Specific end use(s)

Toilet cleaner concentrate

8. Exposure controls and personal protection

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Occupational exposure limits

SODIUM CARBONATE

Long-term exposure limit (8-hour TWA): 8 mg/m³

Ingredient comments

WEL = Workplace Exposure Limits Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period. The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period. If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure controls during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL. The WEL limits are laid down in the EH40 list as supplied by the HSE. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE

	that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.
Eye/face protection	The following protection should be worn: If risk of splashing, wear safety goggles or face shield. Refer to EN Standard 166 to select appropriate level of protection.
Hand protection	Upon exposure to sachet contents: Wear protective gloves. Rubber, neoprene or PVC. The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary.
Other skin and body protection	Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.
Hygiene measures	Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse. Provide eyewash station and safety shower.
Respiratory protection	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit.
Environmental exposure controls	Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.
General Health and Safety Measures.	Note:- In use solutions at recommended dilution are not classified, but a risk assessment to determine PPE should be conducted. Use of gloves and eye protection is recommended.

9. Physical and chemical properties

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Physical state	Powder in water-soluble PVA sachet
Color	Blue green.
Odor	Fresh Pine
Odor Threshold	Not applicable
pH	2.6 - 3 at normal use of 1 - 2% wt/v
Melting / freezing point	Not applicable.
Boiling point / boiling range	Not applicable.
Flash Poin	Not applicable. Contains no Flammable Components
Evaporation Rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapor pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Bulk density	~2.5g/cm ³
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable. Not technically practical for mixtures
Autoignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not determined.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidizing properties	Not applicable. Contains no Oxidising Components.
Refractive index	1,35 %

Particle size	Not applicable.
Molecular weight	Not applicable.
Volatility	Not applicable.
Saturation concentration	Not applicable.
Critical temperature	Not applicable.
Volatile organic compound	Not applicable.
Explosive Properties	Not Classified as Explosive
Storage Temperature Range	store between 0 - 30 Degrees C

10. Stability and reactivity

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Reactivity	Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.
Chemical Stability	Stable when stored in a dry place. Stable at normal ambient temperatures and when used as recommended. - See note 10.6.
Possibility of Hazardous Reactions	Refer to section 10.1. Mixing with Bleach will produce toxic Chlorine gas.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Incompatible materials	Avoid contact with the following materials: Bleach.
Hazardous Decomposition Products	Does not decompose when used and stored as recommended. - See section 10.5.

11. Toxicological information

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Respiratory sensitisation	No evidence of respiratory sensitisation for any component of this formulation.
Skin sensitisation	No evidence of skin sensitisation for any component of this formulation.
Carcinogenicity	The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.
Reproductive toxicity - fertility	The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing foetus.
General information	See section 4.2.
Inhalation	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.
Ingestion	Will cause severe irritation to mouth, throat and GI-Tract.
Skin contac	Irritating to skin.
Eye contact	Irritating to eyes.

12. Ecological information

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Ecotoxicity	This product is classified as harmful to aquatic life. Normal use is not expected to pose a risk.
Persistence and degradability	The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.
Bioaccumulative potential	Not expected to bioaccumulate
Partition coefficient	Not applicable. Not technically practical for mixtures.
Mobility	The product contains substances which are water soluble and may spread in water systems.
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Not determined.

13. Disposal considerations

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General information

When handling waste, the safety precautions applying to handling of the product should be considered. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Do not mix with other chemicals.

Disposal methods

Small volumes of use solution can be disposed of to sewers.

14. Transport information

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General : The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number

Not applicable

UN proper shipping name

Not applicable

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable

Environmentally hazardous substance/marine pollutant

No

Special precautions for user

Not applicable.

Transport in bulk according to

Not applicable

15. Regulatory information

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EU-Regulations

European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures. This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

Pcs Information

No chemical safety assessment has been carried out.

16. Other information

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Other Information

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