
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: PRO-SPA Anti-bacterial & Degreasing Cartridge Cleaner (Consumer Pack)

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

- Use of the substance/mixture: Hot tub, swim spa and above ground pools.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Tetramass Ltd
- Address of Supplier: Units 1,2 & 5 Poldermere, Red House Lane, Hannington. Northamptonshire NN6 9SZ.
- Telephone: +44 (0) 1604 781880
- Responsible Person: Mark Gardner
- Email: Info@tetramass.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1604 781880
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Eye Dam. 1, Aquatic Chronic 3, STOT SE 3

2.2 Label elements



GHS07

- Signal Word: Warning
 - Hazard statements
 - Causes serious eye irritation (H319).
 - Precautionary statements
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - Keep container tightly closed (P233).
 - Store in a well-ventilated place. Keep cool (P403+P235).
 - Do not breathe dust/fume/gas/mist/vapours/spray (P260).
 - Do not eat, drink or smoke when using this product (P270).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
 - Dispose of contents/container to an authorised waste collection point (P501)
 - Wash thoroughly after handling (P264).
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SECTION 2 Hazards identification (....)

Wash contaminated clothing before reuse (P363).

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.2 Mixtures

- Iso Propyl Alcohol
CAS Number: 67-63-0
EC Number: 200-661-7
Concentration: 5%
Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
 - Alcohols, C9-11, ethoxylated.
CAS Number: 68439-46-3
Concentration: 1.5 - 3%
Categories: Acute Tox. 4, Eye Dam. 1
 - Amides, C8-18 and C18- unsaturated, N,N-bis(hydroxyethyl)
EC Number: 931-329-6
Concentration: 0.1 - 0.3%
Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2
 - Zinc pyrithione; 1-Hydroxypyridine-2-thione zinc salt.
CAS Number: 13463-41-7
EC Number: 236-671-3
Concentration: 2%
Categories: Acute Tox. 3, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
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SECTION 4 First aid measures

4.1 Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Seek immediate medical attention
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- Seek immediate medical attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Seek immediate medical attention
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Seek immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Following severe exposure, patient should be kept under review for at least 48 hours.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire use Dry powder/BCF

5.2 Special hazards arising from the substance or mixture

- Under certain fire conditions ,traces of toxic gases can be produced.

5.3 Advice for firefighters

- In case of fire: Evacuate area (P370+P380).
 - May give off noxious and toxic fumes in a fire
 - Prevent run off water from entering drains if possible
 - Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Wear suitable respiratory protection
- Vapours may ignite
- Shut off all ignition sources

6.2 Environmental Precautions

- Avoid release to the environment (P273).
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Collect spillage (P391).
- Place in sealable container
- Remove contaminated material to safe location for subsequent disposal
- Ventilate area

6.4 Reference to other sections

- See Section 8
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Do not breathe dust/fume/gas/mist/vapours/spray (P260).
- Do not eat, drink or smoke when using this product (P270).
- Do not get in eyes, on skin, or on clothing (P262).
- Do not spray on an open flame or other ignition source (P211).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Keep container tightly closed (P233).
- Store in a well-ventilated place. Keep cool (P403+P235).

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

- In case of inadequate ventilation wear respiratory protection (P285).
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear goggles giving complete eye protection
- Use a suitable barrier cream to protect skin
- Wear neoprene or nitrile gloves
- Use personal protective equipment as required (P281).



Goggles



Gloves



No Flames



No Smoking

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Light, orange, Liquid
- Odour: Mild
- pH: 8 - 9.5

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition

10.5 Incompatible materials

Avoid heat, flames and other sources of ignition. Avoid contact with oxidising agents. Do not store in containers made from certain metals.

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

SECTION 11 Toxicological information (....)

- Iso Propyl Alcohol
LD50 (oral, rat) 53000 mg/kg
LD50 (skin, rabbit) 12800 mg/kg
 - Alcohols C9 - C11, ethoxylated
LD50 (oral, rat) 500> mg/kg
LD50 (skin, rabbit) >2000 <=5000 mg/kg
Eye Dam. 1 - H318 Causes serious eye damage
 - Amides, C8 -C18 and C18 unsaturated, N,N-bis(hydroxyethyl)
LD50 (oral, rat) >5000 mg/kg
LD50 (skin, rabbit) >2000 mg/kg
Irritating to skin and causes serious eye damage.
 - Zinc pyrithione; 1-Hydroxypyridine-2-thione. zinc salt
LC50 (inhalation, rat) 0.84 mg/l/4h
LD50 (oral, rat) 269 mg/kg
LD50 (skin, rabbit) 2000 mg/kg
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SECTION 12 Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- Low bioaccumulation potential

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container to an authorised waste collection point (P501)
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SECTION 14 Transport information

14.1 UN Number

- UN No.: N/a

14.2 Proper Shipping Name

- Proper Shipping Name: N/a

14.3 Transport hazard class(es)

- Hazard Class: N/a
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SECTION 14 Transport information (....)

14.4 Packing group

- Packing Group: N/a

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

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 Regulatory information

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

National Regulations: Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Work place exposure limits

Health and Safety at Work Act 1974 (as amended)

Regulation (EC) No 1907/2006 of the European 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 the

Council of 16 December 2008 on the

Classification, labelling and packaging of substances and mixtures (as

amended)

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16 Other information

Intended use; Cleaning agent.

This data sheet has been prepared in accordance with the relevant E.C Directives and under the requirements of the CLP Regulations.

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