

SAFETY DATA SHEET

MICRO SPOTTER

Date: MAY 2023

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

1.1 Product identifier

Product name: MICRO SPOTTER

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

Spotter/stain remover for carpets and fabrics.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Solution World of Clean Ltd

Unit 1 Warren Road

Indian Queens

Cornwall TR9 6TL

UK

+44(0)1209 204343

1.4 Emergency telephone number

Tel: +44 (0)1209 204343

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP Regs.: Not classified as hazardous under CLP

2.2 Label elements

Label elements under CLP:

Hazard pictograms: None

Signal Word: None

Hazard Statements: Not required.

Precautionary statements: Not required.

2.3 Other hazards

PBT: this material does not contain any substance identified as a PBT or vPvB substance

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3. Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

CAS	EINECS	Classification CLP	Concentration %w/w
Phosphoric acid (REACH Reg. No. 01-2119485924-24)			
7664-38-2	231-633-2	Skin corr. 1B H314	0-1
Phosphoric acid, trisodium salt, dodecahydrate (REACH Reg. No. 01-2119489800-32)			
10101-89-0		Skin irrit. 2 H315; Eye irrit. 2 H319; STOT SE3 H335	0-1
Sodium carbonate (REACH Reg. No. 01-2119485498-19)			
497-19-8	207-838-8	Eye irrit. 2 H319	0-1

See section 16 for full text of H statements

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Seek medical advice.

Skin contact: Remove at once all contaminated clothing. Wash area with soap and water. Seek medical advice if irritation persists.

Ingestion: DO NOT induce vomiting. Give water to drink and seek immediate medical attention.

Inhalation: Remove from exposure, keep warm and at rest. If symptoms persist get medical attention.

4.2 Most important symptoms and effects both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Product is not flammable although irritating fumes may be given off in the event of fire. Choice of extinguisher should be based on other surrounding materials.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture

Irritating/toxic fumes including oxides of carbon and phosphorus may be produced on thermal decomposition.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing should be worn.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing described in section 8.

6.2 Environmental precautions

No special precautions.

6.3 Methods and material for containment and cleaning up

Spillages should be mopped up or rinsed away with water.

6.4 Reference to other sections

See section 8 for protective equipment, section 7 for handling and section 13 for disposal.

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7. Handling and storage

7.1 Precautions for safe handling

No special precautions.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed. Keep in a dry place below 40°C.

7.3 Specific end use

See section 1

8. Exposure controls/personal protection

8.1 Control parameters

Substances assigned Workplace Exposure Limits

Name	type	Long term (8hrTWA)	Short term (15mins)
Phosphoric acid	WEL	1mg/m ³	2mg/m ³

DNEL Phosphoric acid

Exposure	Value	Population	Effect
Inhalation	2.93mg/m ³	workers	Long term local
Inhalation	1mg/m ³	workers	Long term systemic

DNEL Sodium carbonate

Exposure	Value	Population	Effect
Inhalation	10mg/m ³	workers	Long term

DNEL Phosphoric acid

Exposure	Value	Population	Effect
Inhalation	2.93mg/m ³	workers	Long term local
Inhalation	1mg/m ³	workers	Long term systemic

8.2 Exposure controls.

No special measures but avoid eye contact and prolonged contact with skin.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: clear liquid

Odour: slight

Density at 20°C: 1.0 kg/ltr

Solubility: Completely soluble in water.

pH: 6.8-7.0

Flash point: N/A

Boiling point/range: N/A

Vapour pressure: N/A

Oxidising: No

9.2 Other information

No further relevant information

10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None known.

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10.4 Conditions to avoid

Extremes of temperature.

10.5 Incompatible materials

Strong acids, reducing agents and oxidising agents.

10.6 Hazardous decomposition products

Irritating/toxic fumes including oxides of carbon may be produced on thermal decomposition.

11. Toxicological information

11.1 Information on toxicological effects.

Eyes: Possible redness and watering.

Skin: Mild irritation possible on prolonged contact.

Ingestion: Mild irritation to throat and mouth.

Inhalation: Irritation to membranes of nose and throat.

Toxic dose LD50 (oral, rat): Phosphoric acid, trisodium salt 7400mg/kg; Sodium carbonate 2800mg/kg;

Phosphoric acid 1530mg/kg.

12. Ecological information

12.1 Toxicity

Ecotoxicity of ingredients:

Sodium carbonate LC50 300mg/l (Iepomis macrochirus, 96hrs), EC50 265mg/l (Daphnia, 48 hrs)

Phosphoric acid aquatic toxicity LC50 75mg/l (fish, 96h), EC50 >100mg/l (Daphnia, 48h)

12.2 Persistence and degradability

The product contains inorganic components which are not biodegradable but are biologically inert in the environment.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

No components classed as PBT/vPvB by current criteria.

12.6 Other adverse effects

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems.

14. Transport information

14.1 UN Number

Not classified as hazardous for transport.

14.2 UN Proper shipping name

Not classified as hazardous for transport

14.3 Transport hazard class(es)

Not classified as hazardous for transport

14.4 Packing group

Not classified as hazardous for transport

14.5 Environmental hazards

Not classified as hazardous for transport

14.6 Special precautions for user

Not classified as hazardous for transport

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15. Regulatory information

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

Detergents Regulations 2004/648/EC

Labelling; Contains less than 5% Phosphates

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

16. Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010

The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture. The full text of the H statements referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

H315: Cause skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Goods by Road
CAS	Chemical Abstracts Service
CHIP	Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45/EC and 67/548/EC
CLP	Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008
CMR	Carcinogenic-mutagenic-toxic for reproduction
DNEL	Derived No Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
NOEC	No Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PNEC	Predicted No Effect Concentration
vPvB	very Persistent, very Bioaccumulative
RID	Convention concerning International Carriage by Rail
WEL	Workplace Exposure Limit
VOC	Volatile Organic Compound