

SAFETY DATA SHEET

Sunshade & parasol restorer

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

Identification of the substance or preparation

Product name : Sunshade & parasol restorer
Product use : For use on sunshades, awnings, canopies, exterior roller, blinds, parasols etc. For quick and easy cleaning.

Company/undertaking identification

Manufacturer : HG International b.v. **Telephone No.:** : +31 (0)36 54 94 700
Address : Damsluisweg 70 **Fax** : +31 (0)36 54 94 744
 1332 EJ Almere **Internet:** : www.hginternational.com
Country : Netherlands
Importer : HG UK
Address : Unit 11 Grange Way Business Park Whitehall Road Industrial Estate
 Uk Colchester Essex CO2 8HF
Telephone No.: : +44.1206.795.200
Fax : +44.1206.795.201
Country : United Kingdom (UK)
Emergency telephone number : ----

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
Europe				
Sodium alumino silicate			15 - 30	Xi; R41
sodium percarbonate	15630-89-4	239-707-6	15 - 30	O; R8 Xn; R22 Xi; R36/38
alcohols, c13-15, ethoxylated	64425-86-1		5 - 15	Xn; R22 Xi; R41 N; R50
Sodium carbonate	497-19-8	207-838-8	1 - 5	Xi; R36
Disodium metasilicate	6834-92-0	229-912-9	1 - 5	C; R34 Xi; R37
alcohols, c11-14-iso-, c13-rich, ethoxylated	78330-21-9		1 - 5	Xn; R22 Xi; R41
silicic acid, sodium salt	1344-09-8	215-687-4	1 - 5	Xn; R22

See section 16 for the full text of the R Phrases declared above

* Occupational Exposure Limit(s), if available, are listed in Section 8

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3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

- Classification** : Xi; R38, 41
Human health hazards : Irritating to skin.
 Risk of serious damage to eyes.

See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention.
- Skin Contact** : In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : Use an extinguishing agent suitable for surrounding fires.
- Special exposure hazards** : No specific hazard.
 Not available.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulphur oxides (SO₂, SO₃, etc.). Some metallic oxides.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

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7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

Exposure limit values :

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
<u>United Kingdom (UK)</u>	

Exposure controls

- Occupational exposure controls** : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection** : Gloves.
- Eye protection** : splash goggles
- Skin protection** : lab coat

9. Physical and chemical properties

General information

- Appearance**
- Physical state** : Solid. (Powder)
- Colour** : White.
- Odour** : Odourless.

Important health, safety and environmental information

- pH** : 10.62 (Conc. (% w/w): 1) [Basic.]
- Melting point** : 884°C (1623.2°F) based on data for: sodium sulfate. Weighted average: 876.52°C (1609.7°F)
- Boiling point** : Not available.
- Flash point** : Not available.
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Not available.
- Oxidising properties** : Not available.
- Relative density** : 0.7 to 0.76 g/cm³ (20°C / 68°F)
- Solubility** : Easily soluble in hot water.
Soluble in cold water.

Other information

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10. Stability and reactivity

- Stability** : Unstable.
- Conditions to Avoid** : Keep from any possible contact with water.
- Materials to avoid** : Highly reactive with acids, alkalis.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulphur oxides (SO₂, SO₃, etc.). Some metallic oxides.

11. Toxicological information

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin Contact** : Irritating to skin.
- Eye contact** : Severely irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
sodium percarbonate	LD50	1034 mg/kg	Oral	Rat
	LD50	2200 mg/kg	Oral	Mouse
	LD50	>2000 mg/kg	Dermal	Rabbit
Sodium carbonate	LD50	4090 mg/kg	Oral	Rat
	LD50	6600 mg/kg	Oral	Mouse
	LDLo	714 mg/kg	Oral	man
Disodium metasilicate	LD50	1153 mg/kg	Oral	Rat
	LD50	770 mg/kg	Oral	Mouse
	LDLo	250 mg/kg	Oral	Dog
	LDLo	250 mg/kg	Oral	pig
	LD50	200 to 2000 mg/kg	Oral	Rat
alcohols, c11-14-iso-, c13-rich, ethoxylated	LD50	1960 mg/kg	Oral	Rat
silicic acid, sodium salt	LD50	1960 mg/kg	Oral	Rat
	LD50	>4640 mg/kg	Dermal	Rabbit

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Other adverse effects** : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
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IATA-DGR Class	1479	"dangerous goods in limited quantities of class 5.1" UN 1479, PG III (sodium percarbonate)	5.1	III		-
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15. Regulatory information

EU Regulations

Hazard symbol(s)



Irritant

Risk Phrases

: R38- Irritating to skin.
R41- Risk of serious damage to eyes.

Safety Phrases

: S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39- Wear suitable gloves and eye/face protection.
S46- If swallowed, seek medical advice immediately and show this container or label.
S64- If swallowed, rinse mouth with water (only if the person is conscious).

Product use

: Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.
- Consumer applications.

Other EU regulations

Additional warning phrases : Contains (subtilisin). May produce an allergic reaction.

Tactile warning of danger : Yes, applicable.

EC Statistical classification (Tariff Code) : 32089091

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK) : R8- Contact with combustible material may cause fire.
R22- Harmful if swallowed.
R34- Causes burns.
R36- Irritating to eyes.
R36/38- Irritating to eyes and skin.
R37- Irritating to respiratory system.
R38- Irritating to skin.
R41- Risk of serious damage to eyes.
R50- Very toxic to aquatic organisms.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) : O - Oxidising
C - Corrosive
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

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This safety data sheet is prepared in accordance with EU
directive 91/155/EC amended by Directive 2001/58/EC



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Verified by T. Rutgers.

Notice to reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

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