



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



SAFETY DATA SHEET

Refill moisture absorber granules

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

Identification of the substance or preparation

- Product name** : Refill moisture absorber granules
Product use : Combats damp, condensation and musty smells, prevents mildew, wood rot and vermin.

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)

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
United Kingdom (UK) Calcium chloride Perfume ingredient.	10043-52-4	233-140-8	30 - 100 1 - 5	Xi; R36 43 52/53

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

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

3. Hazards identification

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

- Classification** : Xi; 36
Human health hazards : Irritating 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. Get medical attention if symptoms appear.

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- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.
- Notes to physician** : Not available.
- Specific treatments** : Not available.
- 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.
- 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.

7. Handling and storage

- Handling** : Avoid contact with eyes. 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** : Dust respirator.

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- Hand protection** : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
>8 hour(s) (breakthrough time): natural rubber (latex)
- Eye protection** : splash goggles
- Skin protection** : Work uniform or laboratory coat.

9. Physical and chemical properties

General information

Appearance

Physical state : Solid.

Colour : White.

Odour : Perfume

Important health, safety and environmental information

pH : 8 to 10 (Conc. (% w/w): 10) [Basic.]

Melting point : 772°C (1421.6°F) based on data for: Calcium chloride.

Boiling point : Not available.

Flash point : Not applicable.

Flammability (solid, gas) : Not applicable.

Explosive properties : Not available.

Oxidising properties : Not available.

Relative density : 0.6 to 0.8 g/cm³ (20°C / 68°F)

Solubility : Easily soluble in hot water.
Soluble in cold water.

Other information

10. Stability and reactivity

- Stability** : Unstable.
- Conditions to Avoid** : Keep from any possible contact with water.
- Materials to avoid** : No specific information is available in our database regarding the reactivity of this material in the presence of various other materials.

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 : No known significant effects or critical hazards.

Eye contact : Irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Calcium chloride	LD50	1000 mg/kg	Oral	Rabbit
	LDLo	1384 mg/kg	Oral	Rabbit

Carcinogenicity : No known significant effects or critical hazards.

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- 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

Ingredient name	Species	Period	Result
Calcium chloride	Pimephales promelas (LC50)	96 hour(s)	4630 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	9500 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	10650 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	11300 mg/l

No known significant effects or critical hazards.

Other adverse effects

13. Disposal considerations

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
- Waste classification** : Not applicable.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	Not regulated.	-	-	-		Remarks Keep from any possible contact with water.
ADN Class	Not regulated.	-	-	-		Remarks Keep from any possible contact with water.
IMDG Class	Not regulated.	-	-	-		Remarks Keep from any possible contact with water.
IATA-DGR Class	Not regulated.	-	-	-		Remarks Keep from any possible contact with water.

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15. Regulatory information

EU Regulations

Hazard symbol(s)

:



Irritant

Risk Phrases

: R36- Irritating to eyes.

Safety Phrases

: S2- Keep out of the reach of children.

S22- Do not breathe dust.

S24/25- Avoid contact with skin and eyes.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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).

Other EU regulations

: Not available.

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.

EC Statistical classification
(Tariff Code)

: 32089091

Ingredients identification
information

: perfumes: Linalool, Amyl Cinnamal, Citronellol, Coumarin, Alpha-Isomethyl Ionone, Geraniol.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)

: R36- Irritating to eyes. R43- May cause sensitization by skin contact. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)

: Xi - Irritant

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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.