PRODUCT

Hidrofugante

VERSION
7A / 21.07.2023

STATUS
Replaces all previous versions

01 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	HIDROFUGANTE
Product code	-

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

Industry for paints and building materials, Binder in decorative coatings.

1.3 Details of the supplier of the safety data sheet

Company	MICROHOMECRET SL
Address	C/ Geológicas, 20, 28923, Alcorcón (Madrid).
City	ALCORCÓN
Province	MADRID
Telephone	(+34) 911 26 80 30
Fax	(+34) 911 26 80 30
E-mail	info@homecret.com
Web	www.homecret.com

1.4 Emergency telephone number

(+34) 911 26 80 30 (Only available during office hours; Monday-Friday; 07:00-15:00)

02 Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements

EUH STATEMENTS

EUH208	Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
EUH208	Contains 1,2,benzothiazole-3-one,1,2-benzothiazol-3(2H)-one. It may cause an allergic reaction.
EUH210	You can request the safety information sheet. For professional use only.

2.3 Other hazards

This substance/mixture does not contain components that are considered to be persistent bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information
The substance/mixture does not contain components that will have endocrine disrupting properties according to article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information
The substance/mixture does not contain components that will have endocrine disrupting properties according to article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

03 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical description: Aqueous dispersion of a copolymer of acrylic esters, silica and calcium carbonate

This mixture does not contain substances that pose a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, are not assigned a Community exposure limit in the workplace, and are not classified as PBT/vPvB.

CHEMICAL NAME	IDENTIFIERS	%	CLASIFICATION
1,2-benzothiazol-3(2H)-one	REACH #: 01-2120761540-60 EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	>= 0,025 - < 0,05	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 M-Factor (Acute Aquatic Toxicity): 1 Specific concentration limits: Skin Sens. 1; H317 >= 0,05 %
Reaction mass: 5-chloro-2methyl-2H-isothiazole-3-one [N. CE 247-500-7] and 2-methyl2H-isothiazole-3-one [N. CE 220-239-6] (3:1).	REACH #: 01-2120764691-48 EC: - CAS: 55965-84-9 Index: 613-167-00-5	>= 0,0002 - < 0,0015	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 M-Factor (Acute Aquatic Toxicity): 100 M-Factor (Chronic Aquatic Toxicity): 100 los límites de concentración específicos Skin Corr. 1C; H314 >= 0,6 % Skin Irrit. 2; H315 0,06 - < 0,6 % Eye Irrit. 2; H319 0,06 - < 0,6 % Skin Sens. 1A; H317 >= 0,0015 % Eye Dam. 1; H318 >= 0,6 %

04 First aid measures

4.1 Description of first aid measures

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation	Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.
Eye contact	If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.
Skin contact	Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.
Ingestion	If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No known acute or delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

05 Firefighting measures

5.1 Extinguishing media

Recommended extinguishing methods: Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the substance or mixture

Special risks: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.
According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

06 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For exposure control and individual protection measures, see section 8.

6.2 Environment related measures

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and materials for containment and cleaning up

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

07 Handling and storage

7.1 Precautions for safe handling

The product does not require special handling measures, the following general measures are recommended: For personal protection, see section 8. Never use pressure to empty the containers. They are not pressureresistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35º C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label. The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s)

Industry for paints, lacquers and varnishes. Binder in decorative coatings.

08 Exposure controls/personal protection

8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls

Measures of a technical nature: Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.
Concentration: 100%

Breathing protection	If the recommended technical measures are observed, no individual protection equipment is necessary.
Hand protection	If the product is handled correctly, no individual protection equipment is necessary.
Eye protection	If the product is handled correctly, no individual protection equipment is necessary.
Skin protection	PPE: Work footwear. Characteristics: «CE» marking, category II. CEN standards: EN ISO 13287, EN 20347 This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, Maintenance: it should not be used by other people. Work footwear for professional use includes protection elements aimed at protecting users Observations: against any injury resulting from an accident.

09 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	characteristic white Color liquid.
Odour	Characteristic
Odour threshold	N.A.
pH	7,0 – 9,0
Melting point	N.A.
Boiling Point	<100 ºC
Flash point	N.A.
Evaporation rate	N.A.
Inflammability (solid, gas)	N.A.
Lower Explosive Limit	N.A.
Upper Explosive Limit	N.A.
Vapour pressure	N.A.
Vapour density	N.A.
Relative density	1,04 – 1,08 g/cm3 Stimated

Solubility	Water miscible.
Liposolubility	Insoluble or partially soluble in common organic solvents.
Hydrosolubility	Water miscible.
Partition coefficient (n-octanol/water)	N.A.
Auto-ignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	1000 – 2.000 mPa·s
Explosive properties	N.A.
Oxidizing properties	N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

10 Stability and reactivity

10.1 Reactivity	The product does not present hazards by their reactivity.
10.2 Chemical stability	Stable under the recommended handling and storage conditions (see section 7).
10.3 Possibility of hazardous reactions	The product does not present possibility of hazardous reactions.
10.4 Conditions to avoid	Avoid any improper handling.
10.5 Incompatible materials	Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.
10.6 Hazardous decomposition products	No decomposition if used for the intended uses.

11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 2020/878

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to nonallergic contact dermatitis and absorption of the product through the skin. Splatters in the eyes can cause irritation and reversible damage.

11.1.1 Acute toxicity

Not conclusive data for classification.

PRODUCT / INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE	ATMOSPHERE
1,2-benzothiazol-3(2H)-one	LD50 Oral	Rat	490 mg/kg	-	-
	LC50 Inhalation Dusts and mists	-	-	-	-
	LD50 Dermal	Rat	>2000 mg/kg	-	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 Oral	Rat	64 mg/kg	-	-
	LC50 Inhalation Dusts and mists	Rat	0.17 mg/L	4 h	dust/fog
	LD50 Dermal	Rat	87 mg/kg	-	-

11.1.2 Skin corrosion/irritation	**Not conclusive data for classification.**
11.1.3 Serious eye damage/irritation	**Not conclusive data for classification.**
11.1.4 Respiratory or skin sensitisation	**Not conclusive data for classification.**
11.1.5 Germ cell mutagenicity	**Not conclusive data for classification.**
11.1.6 Carcinogenicity	**Not conclusive data for classification.**
11.1.7 Reproductive toxicity	**Not conclusive data for classification.**
11.1.8 STOT-single exposure	**Not conclusive data for classification.**
11.1.9 STOT-repeated exposure	**Not conclusive data for classification.**
11.1.10 Aspiration hazard	**Not conclusive data for classification.**

11.2 Information on other hazards

Endocrine Disrupting Properties

Product:
Assessment: The substance/mixture does not contain components having endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other data Product:
Remarks: No data available

12 Ecological information

12.1 Toxicity

Components:

1,2-benzisothiazol-3(2H)-one:

Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 2.18 mg/L. Exposure time: 96h
Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 2.94 mg/L. Exposure time: 48 h
Toxicity to algae/aquatic plants: EC50 (Pseudokirchneriella subcapitata (green algae)): 0.11 mg/L. Exposure time: 72h NOEC (Skeletonema costatum (marine diatom)): 0.027 mg/L Exposure time: 72h MFactor (Aquatic toxicity acute: 1)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 0.22 mg/L. Exposure time: 96h
Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 0.1 mg/L Exposure time: 48 h
Toxicity to algae/aquatic plants: EC50 (Pseudokirchneriella subcapitata (green algae)): 0.048 mg/L Exposure time: 72h NOEC

(Pseudokirchneriella subcapitata (green algae)): 0.0012 mg/L. Exposure time: 72h Method: OECD Test Guideline 201 M-Factor (Acute Aquatic Toxicity): 100
Toxicity to microorganisms: EC10: 7.92mg/L. Exposure time: 3h Method: OECD Test Guideline 209 Fish toxicity (Chronic toxicity): NOEC: 0.098mg/L. Exposure time: 28 days Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 210
Toxicity to daphnia and: NOEC: 0.004 mg/L Other aquatic invertebrates (Chronic toxicity): Species Daphnia magna (Water flea) Method: OECD Test. Guideline 211 M-Factor (Chronic Aquatic Toxicity): 100

12.2 Persistence and degradability

Components:

1,2-benzisothiazol-3(2H)-one:
Biodegradability: Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

1,2-benzisothiazol-3(2H)-one:
Partition coefficient n- octanol/water: log Pow: 0.7 (20°C)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):
Partition coefficient n- octanol/water: log Pow: -0.71 - 0.75 Method: OECD Test Guideline 107

12.4 Mobility in soil

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment

Product
Assessment : This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Assessment: The substance/mixture does not contain components having endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product
Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Unhealthy for acuatic organisms.

13 Disposal considerations

13.1 Waste treatment methods

Product: Do not dispose of with household waste. Eliminate, watching current local rules.

The product must not be allowed to enter drains, pipes, or the earth (soils).

Contaminated packaging: Packaging that has not been properly emptied should be disposed of as unused product. Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

14 Transport information

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number	Transportation is not dangerous

14.2 UN proper shipping name	**Transportation is not dangerous**
14.3 Transport hazard class(es)	**Transportation is not dangerous**
14.4 Packing group	**Transportation is not dangerous**
14.5 Environmental hazards	**Transportation is not dangerous**
14.6 Special precautions for user	**Transportation is not dangerous**
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	**Transportation is not dangerous**

15 Regulatory information

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

- **REACH - Restrictions on the manufacture, marketing and use of certain dangerous substances, preparations and articles (Annex XVII:** The restrictions of the following inputs must be considered: Ammonia al (List number 3)
- **REACH - List of Candidate Substances of Special Concern for Authorization (Article 59:** Not applicable
- **REACH - List of substances subject to authorization (Annex XIV:** Not applicable
- **Regulation (EC No 1005/2009 on substances that deplete the ozone layer:** Not applicable.
- **Regulation (EU 2019/1021 on persistent organic pollutants (consolidated version:** Not applicable
- **Regulation (EC No 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals:** Not applicable
- **Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of the risks inherent in serious accidents involving dangerous substances:** Not applicable.

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

15.2 Chemical Safety Assessment

There has been no evaluation a chemical safety assessment of the product.

16 Other information

Sections changed compared with the previous version: 1,2,9,16

It is recommended that the product only be employed for the purposes advised.

16.1 Full text of H-Statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage serious.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract

16.2 Full text of other abbreviations

Acute Tox.: Acute toxicity

Aquatic Acute: Short-term (acute) hazard to the aquatic environment

Aquatic Chronic: Long-term (chronic) environmental hazard water

Eye Dam.: Serious eye damage

Skin Corr.: Skin corrosion

Skin Irrit.: skin irritation

Skin Sens.: Skin sensitization

ADN - European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR European Agreement Concerning the International; Carriage of Dangerous Goods by Road

AIIC - Australian Inventory of Industrial Chemicals

ASTM: American; Society for Testing Materials; bw - body weight

CLP - Regulation on classification, labeling and packaging; Regulation (EC) No 1272/2008

CMR - Carcinogenic, mutagenic or toxic for reproduction

DIN - Standard of the German Institute for Standardization

DSL - National Substances List (Canada)

ECHA - European Chemicals Agency

EC-Number - Number of the European Community

ECx - Concentration associated with response x%

ELx - Loading rate associated with response x%

EmS - Emergency procedure

ENCS - Existing and New Chemical Substances (Japan)

ErCx: Concentration associated with x% growth rate response

GHS - Globally Harmonized System

GLP - Good Laboratory Practice

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IBC - International Code for the Construction and Equipment of Ships Carrying Hazardous Chemicals in Bulk

IC50 - Median Maximum Inhibitory Concentration

ICAO - International Civil Aviation Organization

IECSC - China Chemical Substance Inventory

IMDG - International Maritime Dangerous Goods Code

IMO - International Maritime Organization

ISHL - Industrial Safety and Hygiene Law (Japan)

ISO - International Organization for Standardization

KECI - Korea Existing Chemicals Inventory

LC50 - Lethal Concentration for 50% of a test population

LD50 - Lethal Dose for 50% of a test population (Median Lethal Dose)

MARPOL - International Convention to Prevent Pollution at Sea by Ships; us. –

N.O.S.: Not specified elsewhere; NO(A)EC No observable (adverse) effect concentration

NO(A)EL - No Observable (Adverse) Effect Level

NOELR - No Observable Effect Loading Rate

NZIoC - New Zealand Inventory of Chemicals

OECD - Organization for Economic Cooperation and Development

OPPTS - Office for Chemical Safety and Pollution Prevention

PBT - Persistent, bioaccumulative and toxic substance

PICCS - Philippine Inventory of Chemicals and Chemical Substances

(Q)SAR: Structure-activity relationship (quantitative)

REACH - Regulation (EC) No 1907/2006 of the European Parliament and Council regarding the registration, evaluation, authorization and restriction of chemicals

RID - regulation relating to the international transport of dangerous goods by rail

SADT - Self-Accelerating Decomposition Temperature

SDS - Safety Data Sheet; SVHC - substance of very high concern

TCSI - Taiwan Chemical Substances Inventory

TRGS - Technical Rule for Hazardous Substances

TSCA - Toxic Substances Control Act (United States)

UN - United Nations

vPvB - Very persistent and very bioaccumulative

16.3 Other data

The information provided in this Safety Data Sheet is the most correct that we have at the date of its publication. The information provided is intended only as a guide for safe handling, use, processing, storage, transportation, disposal and discharge, and should not be considered a guarantee or quality specification. The information refers only to the specified material, and may not be valid for such material, used in combination with other materials or in any process, unless indicated in the text.

16.4 Other phrases

Safety data sheet available for professional user on request.

16.5 Abbreviations and acronyms used

CEN: European Committee for Standardization.
PPE: Personal protection equipment.

16.6 Key literature references and sources for data

http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.
Regulation (EU) 2015/830.
Regulation (EC) No 1907/2006.
Regulation (EU) No 1272/2008.

16.7 Further information

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending and COMMISSION REGULATION (EU) 2015/830 of 28 May 2015, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.