

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product name : PLAKIST CE 78 PERFECT LISS
- Product code : 0599

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

- Colorful refurbishment coating.

1.3. Details of the supplier of the safety data sheet

- Registered company name : SEMIN SAS
- Address : 1A rue de la gare 57920 KEDANGE SUR CANNER.
- Telephone : +33 (0)3.82.83.53.57. Fax : +33 (0)3.82.83.93.33
- [http:// www.semin.com](http://www.semin.com)

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

- Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

- May produce an allergic reaction (EUH208).
- This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
- This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

- Additional labeling :

EUH208	Contains MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3. Other hazards

- The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
- The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

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Identification	(EC) 1272/2008	Note	%
CAS: 471-34-1 EC: 207-439-9 CALCIUM CARBONATE		[1]	50 <= x % < 100
CAS: 2682-20-4 EC: 220-239-6 2-METHYL-2H- ISOTHIAZOL-3-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1	[1]	0 <= x % < 1
INDEX: 613-167-00-5 CAS: 55965-84-9 MIXTURE OF: 5- CHLORO-2-METHYL-4- ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL- 2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 1

Information on ingredients :

- [1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures**In the event of exposure by inhalation :**

- In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with eyes :

- Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

In the event of splashes or contact with skin :

- In the event of an allergic reaction, seek medical attention.
- Wash the skin thoroughly with soap and water or a recognised cleaner.

In the event of swallowing :

- Seek medical attention, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

- No data available.

4.3. Indication of any immediate medical attention and special treatment needed

- No data available.

SECTION 5 : FIREFIGHTING MEASURES

- Non-flammable.

5.1. Extinguishing media

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- No data available.

5.2. Special hazards arising from the substance or mixture

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
- Do not breathe in smoke.
- In the event of a fire, the following may be formed :
- - carbon monoxide (CO)
- - carbon dioxide (CO₂)

5.3. Advice for firefighters

- No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

For first aid worker

- First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

- Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

- Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

- No data available.

SECTION 7 : HANDLING AND STORAGE

- Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

- Always wash hands after handling.
- Remove and wash contaminated clothing before re-using.

Fire prevention :

- Prevent access by unauthorised personnel.

Recommended equipment and procedures :

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

- No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

- No data available.

Packaging

- Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

- No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- - ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

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CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
471-34-1	10 mg/m3	-	-	-	-

- Belgium (Order of 19/05/2009, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
471-34-1	10 mg/m3	-	-	-	-

- Switzerland (SUVA 2015) :

CAS	VME	VLE	Valeur plafond	Notations
471-34-1	3 a mg/m3			
2682-20-4	0,2 i mg/m3	0,4 i mg/m3		S SSC

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
471-34-1	10 mg/m3	-	-	-	TI

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

CALCIUM CARBONATE (CAS: 471-34-1)	
Final use:	Workers.
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	10 mg of substance/m3
Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Short term systemic effects.
DNEL :	6.1 mg/kg body weight/day
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	6.1 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	10 mg of substance/m3

Predicted no effect concentration (PNEC):

CALCIUM CARBONATE (CAS: 471-34-1)	
Environmental compartment:	Waste water treatment plant.
PNEC :	100 mg/l

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

- Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

- Wear suitable protective gloves in the event of prolonged or repeated skin contact.
- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
- Gloves must be selected according to the application and duration of use at the workstation.
- Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
- Type of gloves recommended :
 - - Natural latex
 - - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
 - - PVC (polyvinyl chloride)
 - - Butyl Rubber (Isobutylene-isoprene copolymer)
- Recommended properties :
 - - Impervious gloves in accordance with standard EN374

- Body protection

- Work clothing worn by personnel shall be laundered regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Paste.
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Important health, safety and environmental information

pH :	8.20 .
Slightly basic.	
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Dilutable.

9.2. Other information

- No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

- No data available.

10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- No data available.

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10.4. Conditions to avoid

- Avoid :
- - frost

10.5. Incompatible materials

- No data available.

10.6. Hazardous decomposition products

- The thermal decomposition may release/form :
- - carbon monoxide (CO)
- - carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- No data available.

11.1.1. Substances

Acute toxicity :

CALCIUM CARBONATE (CAS: 471-34-1)	
Oral route :	LD50 = 6450 mg/kg
	Species : Rat

11.1.2. Mixture

Respiratory or skin sensitisation :

- Contains at least one sensitising substance. May cause an allergic reaction.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

CALCIUM CARBONATE (CAS: 471-34-1)	
Fish toxicity :	LC50 >= 100 mg/l
	Species : Oncorhynchus mykiss
	Duration of exposure : 96 h
	OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 >= 100 mg/l
	Species : Daphnia magna
	Duration of exposure : 48 h
	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 > 14 mg/l
	Species : Desmodesmus subspicatus
	Duration of exposure : 72 h
	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC = 14 mg/l
	Species : Desmodesmus subspicatus
	Duration of exposure : 72 h
	OECD Guideline 201 (Alga, Growth Inhibition Test)

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12.1.2. Mixtures

- No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)	
Biodegradability :	Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)	
Octanol/water partition coefficient :	log K _{ow} = -0.32
	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Bioaccumulation :	BCF = 3.16

12.4. Mobility in soil

- No data available.

12.5. Results of PBT and vPvB assessment

- No data available.

12.6. Other adverse effects

- No data available.

German regulations concerning the classification of hazards for water (WGK) :

- WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

- Do not pour into drains or waterways.

Waste :

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

- Exempt from transport classification and labelling.

14.1. UN number

- -

14.2. UN proper shipping name

- -

14.3. Transport hazard class(es)

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- -

14.4. Packing group

- -

14.5. Environmental hazards

- -

14.6. Special precautions for user

- -

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

- The following regulations have been used:
- - EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

- Container information:

- No data available.

- Particular provisions :

- No data available.

- German regulations concerning the classification of hazards for water (WGK) :

- WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

15.2. Chemical safety assessment

- No data available.

SECTION 16 : OTHER INFORMATION

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic 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.

Abbreviations :

- DNEL : Derived No-Effect Level
- PNEC : Predicted No-Effect Concentration
- ADR : European agreement concerning the international carriage of dangerous goods by Road.

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- IMDG : International Maritime Dangerous Goods.
- IATA : International Air Transport Association.
- ICAO : International Civil Aviation Organisation
- RID : Regulations concerning the International carriage of Dangerous goods by rail.
- WGK : Wassergefährdungsklasse (Water Hazard Class).
- PBT: Persistent, bioaccumulable and toxic.
- vPvB : Very persistent, very bioaccumulable.
- SVHC : Substances of very high concern.

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