

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT

NAME OF THE PRODUCT Anti-dust coating
CODE 030900 (5 L)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture.

Additional Labelling

EUH210 Safety data sheet available on request.
EUH208 Contains reaction mass 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.
Avoid contact with skin.
The product falls under the regulation on biocide products (EU) 528/2012.
The treated article incorporates biocidal products
Preservation agents
Contains reaction mass 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), 1,2- benzisothiazol-3(2H)-one, bronopol (INN).

2.3 Other hazards

Results of PBT and vPvB assessment at levels of 0.1% or higher.

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

No data available.

3.2 Chemical characterization: Mixtures Description:

The product contains preservative agent.

Componentss

Chemical name	CAS-No. EC-No. Index-No. Registration numbe	Classification	Concentration (% w/w)
reaction mass 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)	55965-84-9 613-167-00-5	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 Factor M (acute) = 100 Factor M (chronic) = 100	>= 0,0002 - < 0,0015

For explanation of abbreviations see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General indications

First aider needs to protect himself. Remove from exposure, lie down. Victim to lie down in the recovery position, cover and keep him warm. Take off all contaminated clothing immediately.

If inhaled:

Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

If symptoms persist, call a physician.

In case of eye contact:

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Get medical attention if irritation develops and persists.

If swallowed:

Do NOT induce vomiting.

Call a physician immediately.

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

Non known.

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

Treatment:

Treatment

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

- CO₂, dry powder, water spray jet and alcohol-resistant foam.

Unsuitable extinguishing agents:

- High volume water jet.

5.2 Special hazards arising from the substance or mixture:

None known.

5.3 Advice for firefighters:

Special protective equipment for firefighters:

Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation, especially in confined areas.

Avoid contact with skin, eyes and clothing.

Use personal protective equipment.

Sweep up to prevent slipping hazard.

Forms slippery/greasy layers with water.

6.2. Environmental precautions:

Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal

6.4. Reference to other sections

For disposal considerations see section 13.

For personal protection see section 8.

7. Handling and storage

7.1. Precautions for safe handling

Local/Total ventilation

Ensure adequate ventilation.

Advice on safe handling:

Avoid contact with skin and eyes.
 Do not breathe vapours, aerosols.
 Do not get on skin or clothing.

Advice on protection against fire and explosion

No special protective measures against fire required.
 The product is not flammable.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Store in original container.
 Keep in a dry, cool and well-ventilated place.

Advice on common storage:

Keep away from food and drink.

7.3. Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
sucrose	57-50-1	TWA	10 mg/m ³	GB EH40
		STEL	20 mg/m ³	GB EH40
Glycerol	56-81-5	TWA (MIST)	10 mg/m ³	GB EH40

8.2. Exposure controls

Personal protective equipment



Respiratory protection:

Apply technical measures to comply with the occupational exposure limits.
In the case of vapour formation use a respirator with an ap-proved filter.



Eye protection:

Safety glasses with side-shields conforming to EN166



Hand protection:

Nitrile rubber gloves
Glove thickness: $\geq 0,11$ mm
Directive: DIN EN 374

*Remarks: The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Preventive skin protection



Body protection:

Please wear suitable protective clothing, e.g., made of cotton or heat-resistant synthetic fibers.

Long sleeved clothing.

Additional information

Medidas generales de protección e higiene:

Avoid contact with the skin and the eyes.

Wear suitable protective equipment.

Follow the skin protection plan.

Handle in accordance with good industrial hygiene and safety practice.

9. PROPIEDADES FÍSICAS Y QUÍMICAS

9.1 Información sobre propiedades físicas y químicas básicas

Appearance	liquid
Colour	colourless
Odour	characteristic
Boiling point/boiling range	ca. 100°C
Flash point	Not applicable
Vapour pressure	not determined
Density	1.1 g/cm ³ (20 °C)
Solubility(ies) Water solubility	completely miscible
Viscosity Viscosity, kinematic	not determined
Flammability (liquids)	Will not burn

9.2. Other information

No further relevant information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity:

No decomposition if used as directed.

10.2 Chemical stability:

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions:

Hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid:

Protect from frost, heat and sunlight.

10.5. Incompatible materials:

No data available.

10.6 Hazardous decomposition products:

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:

Not classified based on available information.

Components

reaction mass 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):

Acute inhalation toxicity:

LC50 (Rat): 0.33 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Skin corrosion/irritation:

Not classified based on available information

Components

reaction mass 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):

Result

Corrosive, category 1C - where responses occur after exposures between 1 hour and 4 hours and observations up to 14 days.

Serious eye damage/eye irritation

Not classified based on available information.

Components

reaction mass 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):

Species

Rabbit

Result

Corrosive

Respiratory or skin sensitisation

Not classified based on available information.

Components

reaction mass 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):

Assessment

The product is a skin sensitiser, sub-category 1A.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

12. Ecological information

12.1 Toxicity:

Components

reaction mass 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):**

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 0.19 mg/l
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0.16 mg/l
 Exposure time: 48 h

Toxicity to algae

EC50 (Selenastrum capricornutum (green algae)): 0.027 mg/l

Exposure time: 72 h

NOEC (Skeletonema costatum (marine diatom)): 0.0014 mg/l

Exposure time: 72 h

100

M-Factor (Acute aquatic toxicity)

Toxicity to fish (Chronic toxicity)

NOEC: 0.05 mg/l

Exposure time: 14 d

Species: Oncorhynchus mykiss (rainbow trout))

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC: 0.1 mg/l

Exposure time: 21 d

Species: Daphnia magna (Water flea))

M-Factor (Chronic aquatic toxicity)

100

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

Components

reaction mass 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):**

Partition coefficient: n-octanol/wáter:

log Pow: 0,401

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects:

Additional ecological information
No data available

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods:

Product

Dispose of in accordance with local regulations.
Send to a licensed waste management company.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the unused product.
Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good.

14.2 UN proper shipping name

Not regulated as a dangerous good.

14.3 Transport hazard class(es)

Not regulated as a dangerous good.

14.4 Packing group

Not regulated as a dangerous good.

14.5 Environmental hazards

Not regulated as a dangerous good.

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not regulated as a dangerous good.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mix-ture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

Not applicable

REACH - List of substances subject to authorisation (Annex XIV)

Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer

Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants

Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

15.2 Chemical safety assessment:

chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

16. OTHER INFORMATION

16.1 Relevant phrases

H301: Toxic if swallowed.

H310: Fatal 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.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

16.2. Abbreviations and acronyms:

Acute Tox.: Acute toxicity

Aquatic Acute: Short-term (acute) aquatic hazard

Aquatic Chronic: Long-term (chronic) aquatic hazard

Eye Dam.: Serious eye damage

Skin Corr.: Skin corrosion

Skin Sens.: Skin sensitisation

GB EH40: UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA: Long-term exposure limit (8-hour TWA reference period)

GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; 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 Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge. No responsibility