

SAFETY DATA SHEET 116

COOL FUSION BASE MONO

1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1 Product identifier

Product name COOL FUSION BASE MONO

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

Description/Application DECORATIVE SYNTETIC COATING

1.3 Details of the supplier of the safety data sheet

Name: BERICALCE S.R.L.
 Full address: Via O. da Pordenone n.18 - 36100 Vicenza - Italia
 Phone: +39 0444 929102 +39 0444 654919
 Fax: +39 0444 929102
 E-mail address of the competent person responsible to the Safety Data Sheet: info@bericalce.it

1.4 Emergency telephone number

For urgent inquiries refer to SANITARY EMERGENCY

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP). The product, containing dangerous substances in concentrations that must be declared in section 3, requires a safety data sheet complies with the provisions of Regulation (EC) n. 1907/2006 and subsequent amendments.

Hazard classification and indication:
 Not classified as hazardous.

2.2 Label elements

Danger labeling: -

Warnings: -

Hazard indication:

EUH210	Safety data sheet available on request.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
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 cause an allergic reaction.

Safety advice: -

2.3 Other dangers

Based on available data, the product does not contain any PBT or vPvB substances as more than 0,1%

COOL FUSION BASE MONO**3 COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substance**

No relevant information.

3.2 Miscela

It contains:

Identification	Conc. %	Classification 67/548/CEE. Classification 1272/2008 (CLP).
<u>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</u>		
CAS:2634-33-5	≥0.025 -<0.05 %	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute
EC:220-120-9		Tox. 4, H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Index:613-088-00-6		Aquatic Chronic 2, H411
Specific Concentration Limits: C ≥ 0,05%: Skin Sens. 1 H317		

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)

CAS:55965-84-9	<0.0015 %	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Acute Tox. 3,
EC:611-341-5		H301 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Acute Tox. 2, H310
Index:613-167-00-5		Acute Tox. 2, H330 Eye Dam. 1, H318, M-Chronic:100, M-Acute: 100
Specific Concentration Limits: C ≥ 0,6%: Skin Corr. 1C H314 0,06% ≤ C < 0,6%: Skin Irrit. 2		
H315: C ≥ 0,6%: Eye Dam. 1 H318 0,06% ≤ C < 0,6%: Eye Irrit. 2		
H319: C ≥ 0,0015%: Skin Sens. 1A H317		

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The full text of the hazard statements (H) is given in section 16 of the sheet.

4 FIRST AID MEASURES**4.1 Description of first aid measures**

In case of skin contact: Wash with plenty of water and soap.

In case of eyes contact: Wash immediately with water.

4.2 In case of Ingestion: Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.

Most important symptoms and effects, both acute and delayed.

Not available

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

Follow doctor's instructions.

5 FIREFIGHTING MEASURES**5.1 Extinguishing media**

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be conventional: Water. Carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING EQUIPMENT

Nothing in particular.

5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not inhale explosion and combustion gases.

5.3 Advice for firefighters

Use suitable breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Remove persons to safety.

6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface or ground water. Limit leakages with earth or sand.

6.3 Methods and material for containment and cleaning up

Draw product spilled in suitable container. Assess the compatibility of the container to be used with the product, verifying section 10. Absorb the remaining inert absorbent material.

Deposit spillage in containers for future use. Ensure adequate ventilation of the place affected by the loss. Verify the compatibility of containers' material in section 7.

The disposal of contaminated material must be made in accordance with section 13.

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure proper grounding system for the equipment and personnel. Avoid contact with eyes and skin and exposure to concentrations of dust holes. Avoid the inhalation of dust and vapour.

Do not eat, nor drink, nor smoke while handling it. Avoid dispersal into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

Information not available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Informations not available.

8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration. For the selection of personal protective equipment, if necessary, request advice from your chemical substance suppliers.

The personal protective equipment must bear the CE marking attesting to their compliance with applicable regulations.

HAND PROTECTION

Protect your hands with work gloves, category III (ref. standard EN 374). Final selection of the material of the gloves must be considered: compatibility, degradation, breakage times and permeation. In the case of preparations the resistance of protective gloves to chemicals should be checked before use, as it expected. The gloves' limit depends on the duration and method of use.

SKIN PROTECTION

Wear work clothes with long sleeves and safety footwear for professional use category II (ref. Directive 89/686/EEC and law EN ISO 20344). Wash with soap and water after removing protective clothing.

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EYE PROTECTION

Not needed for normal use. Anyway, operate according good working practices.

RESPIRATORY PROTECTION

Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

Not needed for normal use. Anyway, operate according good working practices.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

HYGIENIC AND TECHNICAL MEASURES

Not available

APPROPRIATE ENGINEERING CONTROLS:

Not available

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Milky paste
Colour	White
Odour	Slight
Odour threshold	Not available
pH	8.00
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not explosive
Upper explosive limit	Not explosive
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Not available
Partition coefficient:: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2 Other information

No relevant information

COOL FUSION BASE MONO**10 STABILITY AND REACTIVITY****10.1 Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid

None in particular.

10.5 Incompatible materials

Information not available.

10.6 Hazardous decomposition products

Information not available.

11 TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

ACUTE TOXICITY.

Not classified (no relevant component).

SKIN CORROSION / CUTANEOUS IRRITATION.

Not classified (no relevant component).

SERIOUS OCULAR DAMAGE / EYE IRRITATION.

Not classified (no relevant component).

RESPIRATORY OR CUTANEOUS SENSITIZATION.

Not classified (no relevant component).

MUTAGENICITY ON GERMINAL CELLS.

Not classified (no relevant component).

CARCINOGENICITY.

Not classified (no relevant component).

TOXICITY FOR REPRODUCTION.

Not classified (no relevant component).

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - SINGLE EXPOSURE.

Not classified (no relevant component).

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - REPEATED EXPOSURE.

Not classified (no relevant component).

DANGER IN CASE OF ASPIRATION.

Not classified (no relevant component).

Toxicological information on main components of the mixture

1,2-benzisothiazol-3(2H)- one; a) acute toxicity LD50 Oral Rat = 1020 mg/kg

1,2-benzisothiazolin-3-one

reaction mass of: 5- chloro-2-methyl-4- a) acute toxicity LC50 Inhalation Rat = 2,36000 mg/l 4h

isothiazolin-3-one [EC no. 247-500-7] and 2-

methyl-2H -isothiazol-3- one

[EC no. 220-239-6] (3:1)

LD50 Skin Rabbit = 660,00000 mg/kg

LD50 Oral Rat = 53,00000 mg/kg

11.2 Information on other hazards**Endocrine disrupting properties:**

No endocrine disruptor substances present in concentration $\geq 0.1\%$

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12 ECOLOGICAL INFORMATION

12.1 Toxicity

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

- a) Aquatic acute toxicity : LC50 Fish = 2,15000 mg/L
- b) Aquatic chronic toxicity : NOEC Algae = 0,04030 mg/L 72h
- b) Aquatic chronic toxicity : EC50 Algae = 0,11000 mg/L 72h
- b) Aquatic chronic toxicity : EC10 Algae = 0,04000 mg/L 72h
- b) Aquatic chronic toxicity : EC50 Daphnia = 3,27000 mg/L 48h
- NOEC Daphnia = 1,20000 mg/L 21d

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one

- a) Aquatic acute toxicity : EC50 Daphnia = 0,12 mg/L 48
- a) Aquatic acute toxicity : LC50 Fish = 0,22 mg/L 96
- a) Aquatic acute toxicity : EC50 Algae = 0,048 mg/L 72
- b) Aquatic chronic toxicity : NOEC Algae = 0,0012 mg/L 72
- b) Aquatic chronic toxicity : NOEC Fish = 0,098 mg/L - 28 d
- b) Aquatic chronic toxicity : NOEC Daphnia = 0,004 mg/L - 21 d

12.2 Persistence and degradability

Information not available.

12.3 Bioaccumulative potential

Information not available.

12.4 Mobility in soil

Information not available.

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%

12.6 Other adverse effects

Information not available.

12.7 Other adverse effects

Information not available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage. Contact and send to an authorized waste disposal service.

Methods of disposal:

Disposal of this product, solutions, packaging 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. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers. Clean waste packaging should be recycled when possible and authorized by the authority.

Hazardous waste: No

Disposal considerations:

Do not allow to enter drains or watercourses. Dispose of product according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Do not re-use empty containers.

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14 TRANSPORT INFORMATION

The product must not be considered dangerous according to the provisions in force concerning the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1 ONU number

Not applicable.

14.2 ONU shipping name

Not applicable.

14.3 Hazard classes connected to shipping

Not applicable.

14.3 Hazard classes connected to shipping

Not applicable.

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

Not applicable.

14.7 Shipping of bulk according to MARPOL 73/78 annex and the IBC code

No relevant information.

15 REGULATORY INFORMATION

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

Seveso Category

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None

Substances in Candidate List (Art. 59 REACH):

Based on the available data, the product does not contain SVHC substances in percentages greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH):

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls:

Information not available

15.2 Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

COOL FUSION BASE MONO**16 OTHER INFORMATIONS**

Testo delle indicazioni di pericolo (H) citate alle sezioni 2-3 della scheda:

Skin Sens. 1B Sensibilizzazione cutanea, categoria 1B

H317 Può provocare una reazione allergica cutanea.

EUH210 Scheda dati di sicurezza disponibile su richiesta.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. Regulation (EC) 618/2012 (III Atp. CLP) of the European Parliament
9. The Merck Index. - 10th Edition
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique (toxicological sheet)
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
15. ECHA website

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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version.

Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

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