

**SAFETY DATA SHEET 83**

# GLITTER

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## 1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

### 1.1 Product identifier

Product name GLITTER

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

Description/Application DECORATIVE FINISHES

### 1.3 Details of the supplier of the safety data sheet

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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 compliant with the provisions of Regulation (EC) n. 1907/2006 and subsequent amendments.

### 2.2 Label elements

Hazard pictograms: Information not available.  
Warnings: Information not available.

### 2.3 Hazard statements

EUH210: Safety data sheet available on request  
EUH208: Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one; 2-methyl-2H-isothiazol-3-one (3: 1).  
It can cause an allergic reaction.

### 2.4 Precautionary statements

P101: In case of consultation with a doctor, keep the container or product label available.  
P102: Keep out of the reach of children.

### 2.5 Other dangers

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

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

No relevant information.

### 3.2 Miscela

The product does not contain substances classified as dangerous to health or the environment pursuant to the provisions of directives 67/548 / EEC and / or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments) in quantities that require declaration.

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## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

Not specifically necessary. In any case, compliance with the rules of good industrial hygiene is recommended.

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

No specific information is known about the symptoms and effects caused by the product.

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

Information not available.

## 5 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be conventional: carbon dioxide, foam, powder and water spray.

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 breathe combustion products.

### 5.3 Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

EQUIPMENT

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Stop the leak if there is no danger. Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of workers who work for emergency interventions.

### 6.2 Environmental precautions

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

### 6.3 Methods and material for containment and cleaning up

Draw product spilled in suitable container. Absorb the remaining inert absorbent material.

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.

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## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. 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

#### N-METIL-2-PIRROLIDONE

Threshold limit value						
Type	State	TWA/8h		STEL/15min		
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
WEL	GBR	40	10	80	20	Skin
TLV	ITA	40	10	80	20	Skin
OEL	EU	40	10	80	20	Skin

Legend:

(C) = CEILING; INALAB = Inhalable fraction; RESPIR = Breathable Fraction; TORAC = Thoracic Fraction.

### 8.2 Exposure controls

Observe the usual safety measures when handling chemicals.

HAND PROTECTION: Not necessary.

SKIN PROTECTION: Not necessary.

EYE PROTECTION: Not necessary.

RESPIRATORY PROTECTION

If the threshold value (eg TLV-TWA) of the substance or one or more of the substances present in the product is exceeded, it is advisable to wear a type A filter mask whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref.EN 14387 standard).

If gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists) were present, combined filters should be provided.

The use of respiratory protection means is necessary if the technical measures adopted are not sufficient to limit the worker exposure to the threshold values taken into consideration.

The protection offered by the masks is however limited.

In the event that the substance considered is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open circuit compressed air breathing apparatus (ref. Standard EN 137) or a plug-in respirator outdoor air (ref.standard EN 138).

For the correct choice of the respiratory protection device, refer to EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including those from ventilation equipment, should be checked for compliance with environmental protection legislation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Silver, Gold
Odour	Characteristic
Odour threshold	Not available
pH	7,0 - 10,0
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	> 60 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1,0-1,1 Kg/l
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

VOC (Directive 2004/42/CE):	0
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## 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. However, follow the usual precautions against chemicals.

### 10.5 Incompatible materials

Information not available

### 10.6 Hazardous decomposition products

Information not available

## 11 TOXICOLOGICAL INFORMATION

There are no known episodes of damage to health due to exposure to the product. In any case it is recommended to operate in compliance with the rules of good industrial hygiene.

### 11.1 Information on toxicological effects

Information not available.

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## 12 ECOLOGICAL INFORMATION

Use this product according to good working practices, avoiding to disperse the product in the environment. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

### 12.1 Toxicity

Information not available

### 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

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14 TRANSPORT INFORMATION

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

## 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): None

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

VOC (Directive 2004/42/CE): Paints for decorative effects (A/I).

Legislative Decree 152/2006 and subsequent amendments - Issues:

TAB, D Class 3: 00.70%

WATER: 55.23%

Maximum limit: 200.00 (2010)

VOC of the product: Not applicable

### 15.2 Chemical safety assessment

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

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## 16 OTHER INFORMATION

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 2 Flammable liquid, category 2

Flam. Liq. 3 Flammable liquid, category 3

Eye Irrit. 2 Eye irritation, category 2

Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3

Skin Sens. 1 Skin sensitization, category 1

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

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).

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## 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
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA Agency website
  - Database of SDS models of chemical substances - Ministry of Health and Higher Institute of Health

## 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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