



## Safety Data Sheet

### 386401 - IDROFLOOR10 - Fondo finitura all'acqua per parquette

Safety Data Sheet dated 20/12/2017, version 6

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: IDROFLOOR10 - Fondo finitura all'acqua per parquette

Trade code: 386401

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

Recommended use: Surface coating

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1.3. Details of the supplier of the safety data sheet

Company:

Sirca S.p.A.

Address:

Viale Roma, 85

35010 S.Dono di Massanzago (PD) - ITALY

Tel. +39 0499322311

Competent person responsible for the safety data sheet:

safety@sirca.it

1.4. Emergency telephone number

National Poisons Information Service - Medical Center Chaim Shiba - Tel Ha' shomer - Phone

+972 - 3 - 5303030

Sirca S.p.A. +39 049 9322311 (08.00 - 17.00) From Monday to Friday

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#### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards known

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Contains

1,2-benzisothiazol-3(2H)-one: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

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#### 2.3. Other hazards

Other Hazards:

No other hazards known

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 5% - < 7% (2-Methoxymethylethoxy)propanol

REACH No.: 01-2119450011-60-xxxx, CAS: 34590-94-8, EC: 252-104-2

Substance with a Union workplace exposure limit.

>= 3% - < 5% 3-butoxypropan-2-ol; propylene glycol monobutyl ether

REACH No.: 01-2119475527-28-xxxx, Index number: 603-052-00-8, CAS: 5131-66-8, EC: 225-878-4

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 3.3/2 Eye Irrit. 2 H319

⚠ 3.2/2 Skin Irrit. 2 H315

>= 1% - < 2% 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

REACH No.: 01-2119475104-44-xxxx, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6

⚠ 3.3/2 Eye Irrit. 2 H319

>= 0.0015% - < 0.05% 1,2-benzisothiazol-3(2H)-one

Index number: 613-088-00-6, CAS: 2634-33-5, EC: 220-120-9

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/1 Eye Dam. 1 H318

⚠ 3.4.2/1 Skin Sens. 1 H317

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 3.1/4/Oral Acute Tox. 4 H302

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## SECTION 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:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Induce vomiting only on doctor's advice

In case of Inhalation:

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- Remove casualty to fresh air and keep warm and at rest.
- 4.2. Most important symptoms and effects, both acute and delayed  
Contact a poisons centre
- 4.3. Indication of any immediate medical attention and special treatment needed  
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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#### SECTION 5: Firefighting measures

- 5.1. Extinguishing media  
Suitable extinguishing media:  
Water.  
Carbon dioxide (CO<sub>2</sub>).  
Extinguishing media which must not be used for safety reasons:  
None in particular.
- 5.2. Special hazards arising from the substance or mixture  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.
- 5.3. Advice for firefighters  
Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

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#### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures  
Wear personal protection equipment.  
Remove persons to safety.  
See protective measures under point 7 and 8.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.  
After the product has been recovered, rinse the area and materials involved with water.
- 6.4. Reference to other sections  
See also section 8 and 13

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#### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Do not eat or drink while working.  
Do not smoke while working.  
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities  
Keep away from food, drink and feed.

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Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Keep from freezing

#### 7.3. Specific end use(s)

No further recommendations. Refer to point 1.2

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

(2-Methoxymethylethoxy)propanol - CAS: 34590-94-8

(OEL (IT)) - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Behaviour: Binding - Notes: pelle

EU - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: Skin

ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

(OEL (IT)) - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm - Behaviour: Binding

EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

### DNEL Exposure Limit Values

(2-Methoxymethylethoxy)propanol - CAS: 34590-94-8

Worker Industry: 310 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 65 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 37.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 15 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8

Worker Professional: 270.5 mg/m<sup>3</sup> - Consumer: 33.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 44 mg/Kg-bw/day - Consumer: 16 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 8.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Worker Industry: 67.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 67.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 20 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 101.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)

Consumer: 34 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 34 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)

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Consumer: 50.6 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 10 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.25 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8

Target: Fresh Water - Value: 0.525 mg/l

Target: Marine water - Value: 0.0525 mg/l

Target: Freshwater sediments - Value: 2.36 mg/kg

Target: Marine water sediments - Value: 0.236 mg/kg

Target: Soil (agricultural) - Value: 0.16 mg/kg

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Target: Fresh Water - Value: 1 mg/l

Target: Marine water - Value: 0.1 mg/l

Target: occasional emission - Value: 3.9 mg/l

Target: STP - Value: 200 mg/l

Target: Freshwater sediments - Value: 4 mg/kg dwt

Target: Marine water sediments - Value: 0.4 mg/kg dwt

Target: Soil (agricultural) - Value: 0.4 mg/kg dwt

Target: orally (secondary poisoning) - Value: 56 mg/kg

#### 8.2. Exposure controls

##### Eye protection:

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

##### Protection for skin:

Not needed for normal use. Work, in any case, in accordance with good practices of industrial hygiene.

##### Protection for hands:

Not needed for normal use. Work, in any case, in accordance with good practices of industrial hygiene.

##### Respiratory protection:

Not needed for normal use. Work, in any case, in accordance with good practices of industrial hygiene.

##### Thermal Hazards:

None known

##### Environmental exposure controls:

None known

##### Appropriate engineering controls:

None

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance and colour: liquid

Odour: characteristic

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: < 1°C

Initial boiling point and boiling range: > 55°C

Solid/gas flammability: N.A.

Upper/lower flammability or explosive limits: N.A.

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Vapour density:	N.A.
Flash point:	other ( $\geq 60^{\circ}\text{C}$ ; $> 140^{\circ}\text{F}$ )
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	1.0300 Kg/l a $20^{\circ}\text{C}$
Solubility in water:	N.A.
Solubility in oil:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	$> 250^{\circ}\text{C}$
Decomposition temperature:	N.A.
Viscosity (typical value):	27.00 " Din cup # 4
Explosive properties:	N.A.
Oxidizing properties:	N.A.
9.2. Other information	
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

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#### SECTION 10: Stability and reactivity

- 10.1. Reactivity
  - Stable under normal conditions
- 10.2. Chemical stability
  - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
  - No dangerous reaction is stored and used appropriately.
- 10.4. Conditions to avoid
  - Stable under normal conditions.
- 10.5. Incompatible materials
  - None in particular.
- 10.6. Hazardous decomposition products
  - vapours potentially dangerous to health may be released.

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#### SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
  - Toxicological information of the product:
    - N.A.
  - Toxicological information of the main substances found in the product:
    - (2-Methoxymethylethoxy)propanol - CAS: 34590-94-8
      - a) acute toxicity:
        - Test: LC50 - Route: Inhalation - Species: Rat  $> 275$  Ppm - Duration: 7h
        - Test: LC50 - Route: Oral - Species: Rat  $> 5000$  mg/kg
        - Test: LD50 - Route: Skin - Species: Rabbit  $> 19020$  mg/kg
    - 3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8
      - a) acute toxicity:
        - Test: LD50 - Route: Oral - Species: Rat 3300 mg/kg
        - Test: LD50 - Route: Skin - Species: Rat  $> 2000$  mg/kg
        - Test: LC50 - Route: Inhalation - Species: Rat  $> 3.4$  mg/l - Duration: 4h
    - 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

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a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rabbit = 3 mg/l - Duration: 2h

Test: LD50 - Route: Oral - Species: Rat = 5660 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 2700 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 2400 mg/kg

1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1193 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 4115 mg/kg

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.  
(2-Methoxymethylethoxy)propanol - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 969 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish > 10000 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 1919 mg/l - Duration h: 48

3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 100 mg/l - Duration h: 48

1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.18 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 2.94 mg/l - Duration h: 48

Endpoint: ErC50 - Species: Algae = 0.11 mg/l - Duration h: 72

### 12.2. Persistence and degradability

None known

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

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N.A.

- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None known

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#### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force. Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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#### SECTION 14: Transport information

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards  
N.A.
- 14.6. Special precautions for user  
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
No

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#### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:  
None
- Where applicable, refer to the following regulatory provisions :  
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.  
Regulation (EC) nr 648/2004 (detergents).  
Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers



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from the risks related to chemical agents at work.

1999/13/EC (VOC directive)  
Directive 1999/13/CE

Total Volatile Organic Compounds (typical value):	11 %	
Total Volatile Organic Carbon (typical value):		6.28 %
Total amount of water	55.1 - 57.3 %	
Total solids content:	31.3 - 32.5 %	

15.2. Chemical safety assessment  
No

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#### SECTION 16: Other information

Text of phrases referred to under heading 3:

- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H302 Harmful if swallowed.

Paragraphs modified from the previous revision:

- 2. HAZARDS IDENTIFICATION
- SECTION 3: Composition/information on ingredients
- SECTION 8: Exposure controls/personal protection
- SECTION 11: Toxicological information
- SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eighth Edition - Van Nostrand Reinold
- ACGIH - Threshold Limit Values - 2004 edition

RESTRICTED TO PROFESSIONAL USERS

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
- CAS: Chemical Abstracts Service (division of the American Chemical Society).
- CLP: Classification, Labeling, Packaging.
- DNEL: Derived No Effect Level.
- EINECS: European Inventory of Existing Commercial Chemical Substances.

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GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.
N.A.:	N.A.
N.D.:	

End of Safety Data Sheet



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Label model

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## IDROFLOOR10 - Fondo finitura all'acqua per parquette

Hazard pictograms:

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Contains

1,2-benzisothiazol-3(2H)-one: May produce an allergic reaction.

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**Quantity:**

**Company:**

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