

SAFETY DATA SHEET

S&M Isothiazolinone

according to Regulation (EC) No. 1907/2006 Version 03.00 Revision Date 26.03.2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : S&M Isothiazolinone

Producer/Supplier : **The Soap Kitchen**

**Unit 2 D&E Hatchmoor Industrial Estate
Torrington, Devon.**

EX38 2DE

Telephone: +44(0)1805 622944

info@thesoapkitchen.co.uk

www.thesoapkitchen.co.uk

Application : Preservative

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

C Corrosive

R34 Causes burns.

R43 May cause sensitization by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Preparation

Aqueous solution

Components CAS-No. EC-No. Symbol Rphrase(s)

Concentration

Mixture of 5-chloro-2-methyl-2Hisothiazol-3-one

(CAS 26172-55-4)

and 2-methyl-2Hisothiazol-3-one

(CAS 2682-20-4)

55965-84-9 T, C, N R23/24/25,

R34, R43,

R50/53

1,4 - 1,6 %

For the full text of the R-phrases mentioned in this Section, see Section 16.

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4. FIRST AID MEASURES

General advice : Take off all contaminated clothing immediately.
Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact : Wash off immediately with plenty of water.
Inhalation : If symptoms persist, call a physician.
Ingestion : Do NOT induce vomiting. Rinse mouth with water. Give small amounts of water to drink. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water, Dry powder, Foam, Carbon dioxide (CO₂)
Extinguishing media which shall not be used for safety reasons:
No information available.
Specific risk from the substance or the product itself, its combustion products or evolved gases:
Decomposition products, see chapter 10

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment.
Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling

Safe handling advice : Handle and open container with care.
Advice on protection against fire and explosion:
The product is not flammable.

Storage

Requirements for storage areas and containers:
Store in original container.
Further information : Keep away from heat. Keep away from direct sunlight. Keep container tightly closed. Limited stability - see label on pack
Advice on common storage : Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components CAS-No. Value Basis

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Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)
and 2-methyl-2H-isothiazol-3-one (CAS 2682-20-4) 55965-84-9 MAK: 0,2 mg/m³ MAK

Personal protective equipment

Hand protection : Impervious gloves
Splash protection: disposable nitrile rubber gloves e.g.

Dermatril (Layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection.

Prolonged contact: Butyl rubber gloves e.g. Butoject (>480 Min., Layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.

Eye protection : Tightly fitting safety goggles

Hygiene measures : Take off all contaminated clothing immediately.

Protective measures : Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : light yellow

Odour : odourless

Other data

initial boiling point : ca. 100 °C

Flash point : > 100 °C

Method: ISO 2719

Vapour pressure : ca.25 hPa at 20 °C

Density : ca.1,2 g/cm³ at 20 °C

Water solubility : at 20 °C in all proportions

pH : 1,5 - 3,0 at (20 °C) (undiluted)

flow time : < 15 s at 20 °C

Method: DIN 53211

10. STABILITY AND REACTIVITY

Hazardous reactions : None reasonably foreseeable.

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Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Further information : The classification was made according to the calculation procedure of the Preparations Directive.

12. ECOLOGICAL INFORMATION

Biodegradability : biodegradable

13. DISPOSAL CONSIDERATIONS

Product : Dispose of as special waste in compliance with local and national regulations. Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

Contaminated packaging : Empty containers should be transported/delivered using a registered waste carrier for local recycling or waste disposal.

Waste key for the unused product(Group):

The waste producer itself must, in consultation with the appropriate authorities and a waste disposal company, obtain a waste code from the EWC (European Waste Catalogue),

14. TRANSPORT INFORMATION

ADR : UN-Number 1760

Class 8

Classification Code C9

Packaging group III

ADR/RID-Labels 8 + 11

ICAO-Labels 80

Description of the goods CORROSIVE LIQUID, N.O.S.

(5-Chloro-2-methyl-2H-isothiazol-3-one, 2-Methyl-2H-isothiazol-3-one)

IMDG : UN-Number 1760

Class 8

EmS F-A, S-B

Packaging group III

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Marine pollutant --

Description of the goods CORROSIVE LIQUID,

N.O.S. (5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE, 2-METHYL-2HISOTHIAZOL-3-ONE)

IATA : UN-Number 1760

Class 8

Packaging group III

Description of the goods Corrosive liquid, n.o.s.

(5-Chloro-2-methyl-2H-isothiazol-3-one, 2-Methyl-2H-isothiazol-3-one)

15. REGULATORY INFORMATION

Hazardous components:

- Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4) and 2-methyl-2H-isothiazol-3-one (CAS 2682-20-4)

Symbol :

C

Corrosive

R-phrase(s) : R34 Causes burns.

R43 May cause sensitization by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

National legislation

Legislation on the control of major-accident hazards involving dangerous substances:

Directive 96/82/EC does not apply

VOC-Content : none, Directive 2004/42/EC

VOC-Content : none, Switzerland. VOC Ordinance, Annex II (Products)

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16. OTHER INFORMATION

Application : Information on uses can be found in a separate preparation / product brochure.

Text of R-phrases mentioned in Section 3

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given is only of use for possible safety requirements and is based on our actual knowledge. This information does not guarantee any properties. It is the responsibility of the receiver / user of our products to follow existing laws and regulations.

Changes compared with the previous edition!!!