



Safety Data Sheet

"11/94M"

Revision date: 30.08.2019

Product code: 1060318

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1. Identification

Product identifier

"11/94M"

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Reserved for industrial and professional use.

Sector of uses [SU]:

- Articles for printing and writing:
- Pens

Details of the supplier of the safety data sheet

Company name:	Stabilo International GmbH	
Street:	Schwanweg 1	
Place:	D-90562 Heroldsberg	
Post-office box:	Postfach 1	
	D-90560 Heroldsberg	
Telephone:	+49 (0)911567-0	Telefax: +49 (0)911567-4444
e-mail:	info@stabilo.com	
Contact person:	Tobias Fendt	Telephone: +49 (0)911-567-1260
e-mail:	tobias.fendt@stabilo.com	
Internet:	http://www.stabilo.com/	
<u>Emergency phone number:</u>	+49 (0)89-19240 (Germany)	

2. Hazard(s) identification

Classification of the chemical

Regulation (EC) No. 1272/2008

Hazardous to the aquatic environment: Aquatic Chronic 3

Label elements

Regulation (EC) No. 1272/2008

Hazard statements

Harmful to aquatic life with long lasting effects

Precautionary statements

Avoid release to the environment.

Return contents/container to the point of sale or to a special waste collection point.

Hazards not otherwise classified

No information available.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Components	Quantity
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	0.04 %

Full text of H and EUH statements: see section 16.

4. First-aid measures



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Description of first aid measures**General information**

When in doubt or if symptoms are observed, get medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious place in recovery position and seek medical advice.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

Specific hazards arising from the chemical

Non-flammable.

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.

Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7
Personal protection equipment (PPE): see section 8
Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

No special measures are necessary.



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Advice on protection against fire and explosion

No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Notice the directions for use on the label.

storage temperature of °C 10 up to °C 40.

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

8. Exposure controls/personal protection**Control parameters****Exposure limits**

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
7429-90-5	Aluminum (total)	-	10		TWA (8 h)	REL
7429-90-5	Aluminum Metal (as Al) Respirable fraction	-	5		TWA (8 h)	PEL

Exposure controls**Appropriate engineering controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Overall (Natural fibres (e.g. cotton))

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.



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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Color:	
pH-Value (at 20 °C):	6,9-9,5
Changes in the physical state	
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	not determined
Flammability	
Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidising.	
Vapor pressure: (at 20 °C)	23 hPa
Density (at 20 °C):	1,1 g/cm ³
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	8 mPa·s
Vapor density:	not determined
Evaporation rate:	not determined
Solvent content:	0,8%
Other information	
Solid content:	12,3%

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.


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Conditions to avoid

none/none

Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information**Information on toxicological effects****Acute toxicity**

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	LD50 mg/kg	670	Rat	Study report (1988) OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rat	Study report (1994) OECD Guideline 402
	inhalation vapour	ATE	0,5 mg/l		
	inhalation aerosol	ATE	0,05 mg/l		

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Additional information on tests

The mixture is classified as not hazardous according to Directive 1999/45/EC.

Further information

There are no data available on the mixture itself.

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Reference to other sections: 2, 3

12. Ecological information**Ecotoxicity**

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Avoid release to the environment.

13. Disposal considerations**Waste treatment methods**



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Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information**Special precautions for user**

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

15. Regulatory information**U.S. Regulations****National regulatory information**

SARA Section 311/312 Hazards:

Aluminum (fume or dust) (7429-90-5): Fire hazard

SARA Section 313 Toxic release inventory:

Aluminum (fume or dust) (7429-90-5): De minimis limit = 1.0 %, Reportable threshold = Standard

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Additional information

Observe in addition any national regulations!

16. Other information

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Abbreviations and acronymsADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to GHS

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

Relevant H statements (full text)

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled



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H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Other data

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)