

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **EUKALIN 6506-135**

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

Relevant identified uses PC1  
Adhesive

Uses advised against none

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

EUKALIN Corp.  
739 Roble Road  
PA 18109 Allentown  
United States

Telephone: 610 266 8910  
Telefax: 610 266 8957

#### 1.4 Emergency telephone number

Emergency information service +49 (0) 240364500  
This number is only available during the following  
office hours: Mon-Fri 08:00 AM - 04:00 PM,  
(CET/MEZ)

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
This mixture does not meet the criteria for classification.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word not required
- Pictograms not required

#### 2.3 Other hazards

There is no additional information.  
Results of PBT and vPvB assessment  
Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .  
Endocrine disrupting properties  
Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

### 3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5	< 1	Acute Tox. 4 / H302 Acute Tox. 2 / H330 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No 55965-84-9	< 1	Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 4 / H332 Skin Corr. 1C / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317

#### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

Keep affected person warm, still and covered. Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions (Where appropriate provide artificial respiration).

#### Following skin contact

Take off immediately all contaminated clothing. Never use: Solvents IF ON SKIN: Immerse in cool water/wrap in wet bandages.

#### Following eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Get medical advice/attention. Keep affected person warm, still and covered. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

none

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Fire extinguishing powder, Carbon dioxide (CO<sub>2</sub>)

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

If inhaled (hazardous decomposition products): Remove person to fresh air and keep comfortable for breathing

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

**EUKALIN 6506-135**

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

**Special protective equipment for firefighters**

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

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

Ventilate affected area. Do not breathe gas/fumes/vapor/spray. Protective measures and code of practice: Section 7/ Section 8.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Collect spillage: absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.)

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area. Never use: Solvents

**6.4 Reference to other sections**

Precautions for safe handling: Section 7. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Avoid contact with skin and eyes. Take off contaminated clothing. Do not eat, drink and smoke in work areas. Wash hands thoroughly after handling. Wear suitable protective clothing, gloves and eye/face protection (Section 8).

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

Control of the effects

Specific designs for storage rooms or vessels: Keep container tightly closed. Never use pressure to empty container . Keep only in the original container in a cool, well-ventilated place. Prohibition of joint storage (with): Oxidizer, Alkalines, Acids. Please consider the relevant national or regional provisions.

Protect against external exposure, such as

Protect against: UV-radiation/sunlight, Frost

**7.3 Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	glycerine	56-81-5	REL							mist, appx-D	NIOSH REL
US	glycerine	56-81-5	PEL		15					mist, dust	29 CFR 1910.1000
US	glycerine	56-81-5	PEL		5					mist, r	29 CFR 1910.1000

## Notation

appx-D see Appendix D - Substances with No Established RELs

Ceiling-C ceiling value is a limit value above which exposure should not occur

dust as dust

mist as mists

r respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours  
time-weighted average (unless otherwise specified)

## Relevant DNELs of components

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	6.81 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0.966 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0.02 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0.04 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects

## Relevant PNECs of components

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4.03 µg/l	aquatic organisms	freshwater	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	0.403 µg/l	aquatic organisms	marine water	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	1.03 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)

## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	49.9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4.99 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	3 mg/kg	terrestrial organisms	soil	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	3.39 µg/l	aquatic organisms	freshwater	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	3.39 µg/l	aquatic organisms	marine water	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	0.23 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	0.027 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	0.027 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	PNEC	0.01 mg/kg	terrestrial organisms	soil	short-term (single instance)

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

#### Skin protection

##### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

##### - Type of material

Nitrile

##### - Material thickness

≥0,1 mm

## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15

Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

**- Breakthrough times of the glove material**

&gt;240 minutes (permeation: level 5)

**- Other protection measures**

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Consideration of other advice: Section 7.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance**

Physical state	liquid
Color	various
Particle	not relevant (liquid)
Odor	characteristic

**Other safety parameters**

pH (value)	4-10
Melting point/freezing point	this information is not available
Initial boiling point and boiling range	this information is not available
Flash point	this information is not available
Evaporation rate	this information is not available
Flammability (solid, gas)	not relevant

**Explosive limits**

not determined

- Lower explosion limit (LEL)	no information available
- Upper explosion limit (UEL)	no information available
Vapor pressure	this information is not available
Density	1.072 kg/l
Vapor density	this information is not available
Solubility(ies)	no information available

**Partition coefficient**

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	no information available

## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

## Viscosity

- Kinematic viscosity - 20°C	1,166 mm <sup>2</sup> /s
Explosive properties	none
Oxidizing properties	none
9.2 Other information	there is no additional information

## SECTION 10: Stability and reactivity

## 10.1 Reactivity

None

## 10.2 Chemical stability

See below "Conditions to avoid".

## 10.3 Possibility of hazardous reactions

Possibility of hazardous reactions: Do not mix with acids. Do not mix with alkali.

## 10.4 Conditions to avoid

Section 7: Handling and storage.

## 10.5 Incompatible materials

Do not mix with other chemicals

## 10.6 Hazardous decomposition products

Hazardous combustion products in case of fire: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Nitrogen oxides (NO<sub>x</sub>).

## SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

## Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

## Acute toxicity

The classification criteria for these hazard classes are not met.

Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	670 mg/kg
1,2-benzisothiazol-3(2H)-one	2634-33-5	dermal	>2,000 mg/kg
1,2-benzisothiazol-3(2H)-one	2634-33-5	inhalation: dust/mist	0.1 mg/l/4h
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	oral	457 mg/kg
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	dermal	660 mg/kg
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	inhalation: vapor	11 mg/l/4h
reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	inhalation: dust/mist	2.36 mg/l/4h

**EUKALIN 6506-135**

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

**Skin corrosion/irritation**

The classification criteria for this hazard class are not met.

**Serious eye damage/eye irritation**

The classification criteria for this hazard class are not met.

**Respiratory or skin sensitization**

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

**Germ cell mutagenicity**

The classification criteria for this hazard class are not met.

**Carcinogenicity**

The classification criteria for this hazard class are not met.

**Reproductive toxicity**

The classification criteria for this hazard class are not met.

**Specific target organ toxicity - single exposure**

The classification criteria for this hazard class are not met.

**Specific target organ toxicity - repeated exposure**

The classification criteria for this hazard class are not met.

**Aspiration hazard**

The classification criteria for this hazard class are not met.

**SECTION 12: Ecological information****12.1 Toxicity**

Shall not be classified as hazardous to the aquatic environment.

**12.2 Persistence and degradability**

Data are not available.

**12.3 Bioaccumulative potential**

Data are not available.

**12.4 Mobility in soil**

Data are not available.

**12.5 Results of PBT and vPvB assessment**

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

**12.6 Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

**12.7 Other adverse effects**

There is no additional information.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Sewage disposal-relevant information**

Do not empty into drains or surface water. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Completely emptied packages can be recycled (Recycling). Handle contaminated packages in the same way as the substance itself. Disposal: Directive 2008/98/EC on wastes/ hazardous wastes.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.



**SECTION 14: Transport information**

- 14.1 UN number** not subject to transport regulations
- 14.2 UN proper shipping name** not relevant
- 14.3 Transport hazard class(es)** none
- 14.4 Packing group** not assigned
- 14.5 Environmental hazards** non-environmentally hazardous acc. to the dangerous goods regulations
- 14.6 Special precautions for user**  
There is no additional information.
- 14.7 Transport in bulk according to IMO instruments**  
The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations****Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

Not subject to transport regulations.

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

**International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations specific for the product in question****National regulations (United States)****Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

**Industry or sector specific available guidance(s)****NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	0	no significant risk to health
Flammability	0	material that will not burn under typical fire conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

**NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

## Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

## 15.2 Chemical Safety Assessment

No information available.

## SECTION 16: Other information, including date of preparation or last revision

## Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
ED	Endocrine disruptor
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## EUKALIN 6506-135

Version number: GHS 15  
Replaces version of: 2024-08-23 (GHS 14)

Date of compilation: 2024-12-17

Abbr.	Descriptions of used abbreviations
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.