

# SAFETY DATA SHEET

In accordance with 1907/2006 annex II and 1272/2008

(All references to EU regulations and directives are abbreviated into only the numeric term)

Amendment date 2023-10-23

Replaces SDS issued 2022-08-24

Revision date 2021-12-30

Version number 4.2

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

### 1.1. Product identifier

Trade name	Q Stable Barn part 2
Article number	1007148-13, 1007149-13

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

Identified uses	Primer/Protection for mineral based surfaces
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### 1.3. Details of the supplier of the safety data sheet

Company	Qloss AB Truckvägen 6 231 62 Trelleborg Sweden
Telephone	0410-460 70
E-mail	qloss@qloss.se
Website	www.qloss.se

### 1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

### 2.2. Label elements

Hazard pictogram	Not applicable
Signal word	Not applicable
Hazard statement	Not applicable
Precautionary statement	Not applicable

### Supplemental hazard information

EUH210 Safety data sheet available on request.

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE; REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

### 2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>1,2-BENZISOTHIAZOL-3(2H)-ONE</b>		
CAS No: 2634-33-5 EC No: 220-120-9 Index No: 613-088-00-6	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin. Sens. 1, Aquatic Acute 1; H302, H315, H318, H317, H400 <i>Specific concentration limits and acute toxicity estimates (ATE): Skin. Sens. 1, H317: C ≥ 0,05 %</i>	<0.02 %
<b>REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)</b>		
CAS No: 55965-84-9 Index No: 613-167-00-5	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin. Sens. 1A, Aquatic Acute 1, M = 100, Aquatic Chronic 1, M = 100; H310, H330, H301, H314, EUH071, H318, H317, H400, H410 <i>Specific concentration limits and acute toxicity estimates (ATE): Skin Corr. 1C, H314: C ≥ 0,6 % Skin Irrit. 2, H315: 0,06 ≤ C &lt; 0,6 % Eye Dam. 1, H318: C ≥ 0,6 % Eye Irrit. 2, H319: 0,06 ≤ C &lt; 0,6 % Skin. Sens. 1A, H317: C ≥ 0,0015 %</i>	<0.0008 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Generally

In case of concern, or if symptoms occur, call a doctor/physician.

#### Upon breathing in

Fresh air and rest. If symptoms persist seek medical advice.

#### Upon eye contact

For safety reasons, flush eyes with water; If symptoms occur, seek medical advice.

#### Upon skin contact

Remove contaminated clothes.

Wash the skin with soap and water.

Wash contaminated clothing before reuse.

#### Upon ingestion

Rinse nose, mouth and throat with water.

Get medical attention if you feel unwell.

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

#### Generally

Mild irritation may occur.

#### Upon skin contact

Allergic reactions can occur in sensitized individuals.

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

Symptomatic treatment.

When contacting a physician, take this SDS with you.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

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

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

Risk of forming hydrogen cyanide (HCN) when heating.

The product is not flammable.

### 5.3. Advice for firefighters

Protective measures to be taken with regard to other materials at the scene of the fire.

In case of fire use proper breathing apparatus.

Wear full protective clothing.

## SECTION 6: Accidental release measures

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

Avoid inhalation and exposure to skin and eyes.

Use recommended safety equipment, see section 8.

Ensure good ventilation.

### 6.2. Environmental precautions

Avoid emissions into soil, water or air.

Avoid discharge into sewers.

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

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

### 6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid spillage, inhalation and contact with eyes and skin.

Do not eat, drink or smoke in premises where this product is handled.

Wash your hands after using the product.

Treat the substance as potentially harmful to health.

Handle in premises with good ventilation.

Use recommended safety equipment, see section 8.

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

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.

Keep out of reach for children.

To be stored away from food and animal fodder and away from devices or surfaces that are in contact with those items.

Always use sealed and visibly labeled packages.

Store in dry and cool area.

Keep well closed.

Store frost free.

### 7.3. Specific end use(s)

See identified uses in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

##### TRIETHYLAMINE

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 2 ppm / 8 mg/m<sup>3</sup>

Short term exposure limit (STEL) 4 ppm / 17 mg/m<sup>3</sup>

Note Sk

Explanations of abbreviations are given in Section 16b

#### DNEL

##### 1,2-BENZISOTHIAZOL-3(2H)-ONE

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	1.2 mg/m <sup>3</sup>
Worker	Chronic Systemic	Dermal	0.966 mg/kg bw
Worker	Chronic Systemic	Inhalation	6.81 mg/m <sup>3</sup>
Consumer	Chronic Systemic	Dermal	0.345 mg/kg bw

#### PNEC

##### 1,2-BENZISOTHIAZOL-3(2H)-ONE

Environmental protection target	PNEC value
Fresh water	4.03 µg/L
Freshwater sediments	0.0499 mg/kg dw
Marine water	0.403 µg/L
Marine sediments	0.00499 mg/kg dw
Microorganisms in sewage treatment	1.03 mg/L
Soil (agricultural)	3 mg/kg dw
Intermittent	1.1 µg/L

### 8.2. Exposure controls

Follow the instructions. No special measures need to be taken in the event of normal handling or use.

#### 8.2.1. Appropriate engineering controls

Handle in premises with good ventilation.

#### Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.

#### Skin protection

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

Use protective gloves made of nitrile or fluoro rubber.

Wear suitable protective clothing when necessary.

#### Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

#### 8.2.3. Environmental exposure controls

For limiting environmental exposure, see section 12.

## SECTION 9: Physical and chemical properties

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

(a) Physical state	liquid Form: liquid
(b) Colour	Milky
(c) Odour	weak smell
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	≈100 °C
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	Not indicated
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 7 - 8
(l) Kinematic viscosity	100 - 3000 mPa·s (20 °C)
(m) Solubility	Solubility in water: Soluble
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	≈1.05 g/cm <sup>3</sup> (20°C)
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Not indicated

#### 9.2.2. Other safety characteristics

- VOC content about ≤40 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known during normal use.

### 10.4. Conditions to avoid

Avoid frost.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Not indicated.

#### Acute toxicity

The product is not classified as acutely toxic, but it does contain low levels of hazardous substances.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE

LD50 rat 24h: 2000 mg/kg Dermally

LD50 rat 24h: 490 - 670 mg/kg Orally

#### REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

LD50 rabbit 24h: 87.12 mg/kg Dermally

LC50 rat 4h: 0.33 mg/l (dust/mist) Inhalation

LD50 rat 24h: 64 mg/kg Orally

**Skin corrosion/irritation**

The criteria for classification cannot be considered fulfilled based on available data.

**Serious eye damage/irritation**

The criteria for classification cannot be considered fulfilled based on available data.

**Respiratory or skin sensitisation**

The product contains low levels of allergenic substances.

Hypersensitive reactions cannot be ruled out for persons who are overtly sensitive.

**Germ cell mutagenicity**

The product is not classified as mutagen.

**Carcinogenicity**

The product is not classified as carcinogenic.

**Reproductive toxicity**

The product is not classified as a reproductive toxicant.

**STOT-single exposure**

No known hazards for occasional exposure.

**STOT-repeated exposure**

No known hazards for repeated exposure.

**Aspiration hazard**

The product is not classified as being toxic for aspiration.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

Not indicated.

**11.2.2. Other information**

Not indicated.

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

Avoid larger spills in soil, water and drains.

The product is not classified as an environmental hazard according to current regulations, but it does contain environmentally hazardous substances in quantities below the labelling limit.

**REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)**

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: 0.07 mg/L

EC50 Algae 96h: 0.062 mg/L

EC50 Algae 48 h: 0.021 mg/L

LC50 Bluegill (*Lepomis macrochirus*) 96h: 0.28 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 48 h: 0.18 mg/L

NOEC Freshwater water flea (*Daphnia magna*) 21d: 0.172 mg/L

**12.2. Persistence and degradability**

There is no information regarding persistence or degradability.

**12.3. Bioaccumulative potential**

There is no information regarding bioaccumulation.

**12.4. Mobility in soil**

The product is soluble in water and is therefore mobile in soil and water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6. Endocrine disrupting properties**

Not indicated.

**12.7. Other adverse effects**

No known effects or hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste handling of the product

The product is not classified as hazardous waste.

Avoid discharge into sewers.

Discard empty containers for recycling when possible and practical.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

#### Classification according to 2008/98/EC

Recommended LoW-code: 08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

## SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

### 14.1. UN number or ID number

Not classified as dangerous goods

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### 14.8 Other transport information

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not indicated.

### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

## SECTION 16: Other information

### 16a. Indication of where changes have been made to the previous version of the safety data sheet

#### Revisions of this document

Earlier versions

2022-08-24 Changes in section(s) 1.

### 16b. Legend to abbreviations and acronyms used in the safety data sheet

#### Full texts for Hazard Class and Category Code mentioned in section 3

Acute Tox. 4	Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Dam. 1	Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage
Skin. Sens. 1	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1 - Skin. Sens. 1, H317 - May cause an allergic skin reaction
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1 - Aquatic Acute 1, H400 - Very toxic to aquatic life
Acute Tox. 2	Acute toxicity (inhal.), Hazard Category 2 - Acute Tox. 2, H330 - Fatal if inhaled
Acute Tox. 3	Acute toxicity (oral), Hazard Category 3 - Acute Tox. 3, H301 - Toxic if swallowed
Skin Corr. 1C	Skin corrosion/irritation, Hazard Category 1C - Skin Corr. 1C, H314 - Causes severe skin

	burns and eye damage
Skin. Sens. 1A	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1A - Skin. Sens. 1A, H317 - May cause an allergic skin reaction
Aquatic Acute 1, M = 100	Hazardous to the aquatic environment — Acute Hazard, Category 1 - Aquatic Acute 1, M = 100, H400 - Very toxic to aquatic life
Aquatic Chronic 1, M = 100	Hazardous to the aquatic environment — Chronic Hazard, Category 1 - Aquatic Chronic 1, M = 100, H410 - Very toxic to aquatic life with long lasting effects

**Explanations of the abbreviations in Section 8  
United Kingdom**

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

**Explanations of the abbreviations in Section 14**

ADR	European Agreement concerning the International Transport of Dangerous Goods by Road
RID	Regulations concerning the International Transport of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code
ICAO	International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA	The International Air Transport Association

**16c. Key literature references and sources for data**

**Sources for data**

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2023-10-23.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

**Full texts for Regulations mentioned in this Safety Data Sheet**

1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
1272/2008	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
2008/98/EC	DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

**16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification**

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

**16e. List of relevant hazard statements and/or precautionary statements**

**Full texts for hazard statements mentioned in section 3**

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H310	Fatal in contact with skin
H330	Fatal if inhaled
H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
EUH071	Corrosive to the respiratory tract
H410	Very toxic to aquatic life with long lasting effects



**16f. Advice on any training appropriate for workers to ensure protection of human health and the environment**

**Warning for misuse**

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

**Other relevant information**

Not indicated

**Editorial information**



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