

T-Gum 401

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue:09/04/2015 Revision date:04/02/2019

Version: 1.3

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

1.1. Product identifier

Product form : Mixture
Product name : T-Gum 401
Type of product : Liquid dispersed in liquid (emulsion)
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Industrial/Professional use spec : Industrial use resulting in inclusion into or onto a matrix
Use of the substance/mixture :

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

TRCC Europe GmbH
Am Gut Baarking 12
D-46395 Bocholt
T +49 2871/23476-0 F +49 2871/23476-44
sales@trcc-europe.com

1.4. Emergency telephone number

Local Emergency Contact: +49 2871 23476-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains 1,2 -benzisothiazol-3(2H)-one, 2-methyl-4-isothiazolin-3-one, A mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

2.3. Other hazards

Other hazards not contributing to the classification : The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not applicable.

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First-aid measures after skin contact	: prolonged exposure. Irritating. Wash with plenty of soap and water.
First-aid measures after eye contact	: prolonged exposure. Irritating. In case of eye contact, immediately rinse with clean water for 10-15 minutes. In case of eye irritation consult an ophthalmologist.
First-aid measures after ingestion	: In case of ingestion. Nausea. Rinse mouth out with water. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No additional information available

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

Not required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: For extinguishing, use sand, earth, powder or foam.
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: In dry state: Combustible.
Explosion hazard	: Not applicable.

5.3. Advice for firefighters

Precautionary measures fire	: Do not allow run-off from fire-fighting to enter drains or water courses.
Protection during firefighting	: Special protective equipment for firefighters: Wear a self-contained breathing apparatus and chemical protective clothing.
Other information	: At high temperature may liberate toxic gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid contact with skin and eyes.
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6.1.1. For non-emergency personnel

Protective equipment	: Protective gloves made of PVC. Safety glasses. Avoid : Repeated or prolonged skin contact.
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6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). SECTION 12: Ecological information.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Collect in closed and suitable containers for disposal. Clean up any spills as soon as possible, using an absorbent material to collect it. Disposal must be done according to official regulations. SECTION 13: Disposal considerations.
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6.4. Reference to other sections

SECTION 12: Ecological information. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep container in a well-ventilated place. Avoid contact with skin, eyes and clothes.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Protect from sunlight. Protect against: frost.
Maximum storage period	: 6 months
Storage temperature	: 5 - 30 °C
Storage area	: Protect against: frost.
Special rules on packaging	: Use appropriate container to avoid environmental contamination. Box. stainless steel.

7.3. Specific end use(s)

The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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8.2. Exposure controls

Hand protection	: Protective gloves made of PVC
Eye protection	: Face protection shield. goggles
Skin and body protection	: Avoid contact with skin.
Respiratory protection	: Not applicable
Environmental exposure controls	: Do not discharge into drains or rivers.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Milk.
Colour	: white.
Odour	: characteristic.
Odour threshold	: No available data
pH	: 7 - 7,6
Relative evaporation rate (butylacetate=1)	: No available data
Melting point	: No available data
Freezing point	: 0 °C
Boiling point	: 100 °C
Flash point	: Not applicable
Auto-ignition temperature	: No available data
Decomposition temperature	: No available data
Flammability (solid, gas)	: No available data
Vapour pressure	: No available data
Relative vapour density at 20 °C	: No available data
Relative density	: No available data
Density	: 1,02 kg/l @ 20°C
Solubility	: Soluble in: Water. Water: 100 %
Log Pow	: No available data
Viscosity, kinematic	: No available data
Viscosity, dynamic	: ≤ 16000 mPa·s Brookfield RV 3/5
Explosive properties	: None.
Oxidising properties	: None.
Explosive limits	: No available data
Solid content (%)	11 - 13 % @150°C

9.2. Other information

VOC content	: max 0,05 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

Not applicable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

10.5. Incompatible materials

Materials to avoid. Strong acids.

10.6. Hazardous decomposition products

Gases/vapours, toxic.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 7 - 7,6
Serious eye damage/irritation	: Not classified pH: 7 - 7,6
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: None known.
Other information	: No additional information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Material highly soluble in water.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

12.2. Persistence and degradability

T-Gum 401

Persistence and degradability	not readily biodegradable (according to OECD criteria).
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12.3. Bioaccumulative potential

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Bioaccumulative potential	There is no bioaccumulation.
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12.4. Mobility in soil

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Ecology - soil	None known.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information	: None known
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.
Waste treatment methods	: Refer to manufacturer's information.
Product/Packaging disposal recommendations	: Treat using the best available techniques before discharge into drains or the aquatic environment.
Ecology - waste materials	: Refer to manufacturer/supplier for information on recovery/recycling.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable

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Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No available data

- Transport by sea

No available data

- Inland waterway transport

No available data

- Rail transport

No available data

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : max 0,05 %

15.1.2. National regulations

Water hazard class (WGK) : 1 - Slightly hazardous to water

15.2. Chemical safety assessment

No additional information available

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SECTION 16: Other information

Indication of changes:

2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
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Data sources : No data available.

Other information : none/none.

Full text of H- and EUH-statements:

EUH208	Contains 1,2 -benzisothiazol-3(2H)-one, 2-methyl-4-isothiazolin-3-one, A mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

All recommendations for the use of our products, wheter given by us , orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations the user is responsible that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights