

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 03-Jun-2015

Print date: 11-Jun-2015

Version: 3.0

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

1.1. Product identifier

Trade name/designation:

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

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Euroteam Bauchemie GmbH

An der Mühle 1
15345 Altlandsberg
Germany

Telephone: +49 (0) 33438 14790

Telefax: +49 (0) 33438 147929

E-mail: info@euroteam-bauchemie.de

Website: www.euroteam-bauchemie.de

E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long lasting effects.	

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard components for labelling:

3-(4-isopropylphenyl)-1,1-dimethylurea; terbutryn

hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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Precautionary statements Prevention

P273	Avoid release to the environment.
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2.3. Other hazards

Other adverse effects:

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
CAS No.: 34123-59-6 EC No.: 251-835-4	3-(4-isopropylphenyl)-1,1-dimethylurea Carc. 2, Aquatic Acute 1, Aquatic Chronic 1 Warning H351-H410 M-factor: 10	≥ 0.025 - < 0.1 %
CAS No.: 886-50-0 EC No.: 212-950-5	terbutryn Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1 H302-H400-H410	≥ 0.025 - < 0.1 %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation:

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor if you feel unwell.

In case of skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Unsuitable material: Solvents/Thinner. In case of skin irritation, consult a physician.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Immediately call a doctor. Keep at rest.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam, Dry extinguishing powder, Carbon dioxide (CO₂), Water spray

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NO_x), Carbon dioxide (CO₂), Carbon monoxide. Harmful if inhaled.

5.3. Advice for firefighters

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

5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste according to applicable legislation.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Provide adequate ventilation. Do not breathe gas/vapour.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Dispose of waste according to applicable legislation.

For cleaning up:

Clean with detergents. Avoid solvent cleaners. Consult the appropriate authorities about waste disposal. Clear contaminated areas thoroughly.

6.4. Reference to other sections

Safe handling: see section 7, Personal protection equipment: see section 8

6.5. Additional information

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid: Skin contact, Eye contact. Provide adequate ventilation.

Advices on general occupational hygiene

Wash hands before breaks and after work. When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep container tightly closed. Store detached. Avoid: Heat, Frost. Protect from sunlight. Keep/Store only in original container.

Hints on storage assembly:

Do not store together with: Oxidising agent, Substances: alkaline, acidic

Storage class: 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

Industrial sector specific solutions:

Water-based paints

Giscode:

M-DF02

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection

Skin protection:

Before starting work, apply water-resistant skincare preparations. Wear protective gloves. DIN EN 374 Unsuitable material: NBR (Nitrile rubber). Wear cotton undermitten if possible. Breakthrough times and swelling properties of the material must be taken into consideration. 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. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Unsuitable material: Solvents/Thinner

Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo

8.2.3. Environmental exposure controls

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

8.3. Additional information

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid

Colour: white

Odour: characteristic

Safety relevant basis data

parameter		at °C	Method	remark
pH	≈ 8 - 9.5	20 °C		
Melting point/freezing point	< 0 °C			
Freezing point	not determined			
Initial boiling point and boiling range	No data available			
Decomposition temperature (°C):	No data available			
Flash point	> 100 °C			
Evaporation rate	not applicable			
Ignition temperature in °C	No data available			
Upper/lower flammability or explosive limits	No data available			
Vapour pressure	No data available			
Vapour density	No data available			
Density	≈ 1.3 - 1.5 g/cm ³	20 °C		
Bulk density	not determined			
Water solubility (g/L)	completely miscible			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	≈ 1,900 mPa*s	20 °C		

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parameter		at °C	Method	remark
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

SECTION 7: Handling and storage

10.5. Incompatible materials

Oxidising agent, strong, Strong acid, Base

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
34123-59-6	3-(4-isopropylphenyl)-1,1-dimethylurea	LD₅₀ oral: 1,830 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rat) LC₅₀ inhalative: >0.67 ppmV 4 h (Rat)
886-50-0	terbutryn	LD₅₀ oral: 1,000 - 1,470 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit)

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Eye damage/irritation:

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

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Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional information:

The product has not been tested. Classification according to Regulation (EC) No. 1272/2008 [CLP] SECTION 2: Hazards identification, SECTION 3: Composition / information on ingredients

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
34123-59-6	3-(4-isopropylphenyl)-1,1-dimethylurea	EC₅₀ : >1 mg/l 2 d
886-50-0	terbutryn	LC₅₀ : 1.1 mg/l 4 d (Lepomis macrochirus (Bluegill)) EC₅₀ : 2.66 mg/l 2 d (Daphnia magna (Big water flea)) EC₅₀ : 0.013 mg/l 3 d (Selenastrum capricornutum) NOEC : 0.01 mg/l 21 d (Oncorhynchus mykiss (Rainbow trout)) NOEC : 1.3 mg/l 21 d (Daphnia magna (Big water flea))

Additional ecotoxicological information:

There are no data available on the mixture itself.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	remark
886-50-0	terbutryn	No	

Biodegradation:

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{OC}	Bioconcentration factor (BCF)
34123-59-6	3-(4-isopropylphenyl)-1,1-dimethylurea	2.5	
886-50-0	terbutryn	3.65	

Accumulation / Evaluation:

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
34123-59-6	3-(4-isopropylphenyl)-1,1-dimethylurea	—
886-50-0	terbutryn	—

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

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Waste code product:

08 01 11 * Waste paint and varnish containing organic solvents or other dangerous substances

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

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 legislation

Other regulations (EU):

Directive 2010/75/EU on industrial emissions: 1,2 % 16,7 g/L Directive 2004/42/EC on the limitation of emissions of volatile organic compounds: 2,5 % 35,4 g/L. VOC-value (in g/L): 40

15.1.2. National regulations

[DE] National regulations

Water hazard class (WGK)

WGK:

1 - schwach wassergefährdend

15.2. Chemical Safety Assessment

No information available.

15.3. Additional information

No data available

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SECTION 16: Other information

16.1. Indication of changes

- 1.1. Product identifier
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
- 1.3. Details of the supplier of the safety data sheet
- 1.4. Emergency telephone number
- 10.1. Reactivity
- 10.2. Chemical stability
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
- 10.5. Incompatible materials
- 10.6. Hazardous decomposition products
- 10.7. Additional information
- 11.1. Information on toxicological effects
- 12.1. Toxicity
- 12.2. Persistence and degradability
- 12.3. Bioaccumulative potential
- 12.4. Mobility in soil
- 12.5. Results of PBT and vPvB assessment
- 12.6. Other adverse effects
- 13.1. Waste treatment methods
- 14.5. Environmental hazards
- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- 15.2. Chemical Safety Assessment
- 16.1. Indication of changes
- 16.2. Abbreviations and acronyms
- 16.3. Key literature references and sources for data
- 16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]
- 16.5. Relevant R-, H- and EUH-phrases (Number and full text)
- 16.6. Training advice
- 16.7. Additional information
- 2.1. Classification of the substance or mixture
- 2.2. Label elements
- 2.3. Other hazards
- 3.1. Substances
- 3.2. Mixtures
- 4.1. Description of first aid measures
- 4.2. Most important symptoms and effects, both acute and delayed
- 4.3. Indication of any immediate medical attention and special treatment needed
- 5.1. Extinguishing media
- 5.2. Special hazards arising from the substance or mixture
- 5.3. Advice for firefighters
- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.2. Environmental precautions
- 6.3. Methods and material for containment and cleaning up
- 6.4. Reference to other sections
- 7.1. Precautions for safe handling
- 7.2. Conditions for safe storage, including any incompatibilities
- 7.3. Specific end use(s)
- 8.1. Control parameters
- 8.2. Exposure controls
- 9.1. Information on basic physical and chemical properties
- 9.2. Other information

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

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16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available