



Safety data sheet

Issue date: 24-03-2017
Version: 01.00/EU

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

1.1. Product identifier

Trade name: SkamoWall Biocide

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

Recommended uses: Biocide substances. Use biocides safely. Always read the label and product information before use. This safety data sheet contains general information concerning the chemical, but specific instructions and guidelines are indicated on the product label and in the instructions for use.

1.3. Details of the supplier of the safety data sheet

Supplier: Skamol A/S
Østergade 58
7900 Nykøbing Mors
Denmark
Tel: +45 97721533
Fax: +45 97724975
Email: insulation@skamol.dk
WWW: www.skamol.com

1.4. Emergency telephone number

+45 97721533 (Skamol A/S)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008): Aquatic Chronic 3;H412

Please see section 16 for the full text of H-phrases.

Most serious harmful effects: Harmful to aquatic life with long lasting effects.
May cause slight irritation to the skin and eyes.

2.2. Label elements

Contains: Didecyldimethylammonium chloride (0,29 g/100 ml)
H-phrases: Harmful to aquatic life with long lasting effects.(H412)
P-phrases: If medical advice is needed, have product container or label at hand.(P101)
Keep out of reach of children.(P102)
Read label before use.(P103)
Avoid release to the environment.(P273)
Dispose of contents/container in accordance with local regulation.(P501-A)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC No.	Substance	CLP-classification (Regulation (EC) No 1272/2008) w/w%	Note
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7173-51-5-F	Didecyldimethylammonium chloride	Acute Tox. 3;H301 Skin Corr. 1B;H314	0,25-<1 *
230-525-2		Aquatic Acute 1;H400 Aquatic Chronic 1;H410	
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M (acute) = 10

Please see section 16 for the full text of H-phrases.

Other information: Any letters after the CAS number refer to individual data sets.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear safety goggles if there is a risk of eye splash. Wear gloves.
For emergency responders:	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains. Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits). Last amended by Commission Directive 2009/161/EU.

Contains no substances subject to reporting requirements .

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below .

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash . Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Plastic or rubber gloves recommended .

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions .

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: No data

Odour: No data

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): No data

Melting point/freezing point: No data

Initial boiling point and boiling range: No data

Flash point: >100 °C

Evaporation rate: No data

Flammability (solid, gas): No data

Upper/lower flammability limits: No data

Upper/lower explosive limits: No data

Vapour pressure: No data

Vapour density: No data

Relative density: No data

Solubility: No data

Partition coefficient n-octanol/water: No data

Auto-ignition temperature: No data

Decomposition temperature: No data

Viscosity: No data

Explosive properties: No data

Oxidising properties: No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions .

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures , and inflammable

and toxic gases may be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Ingestion of large quantities may cause discomfort . The product does not have to be classified . Based on existing data, the classification criteria are deemed not to have been met . 7173-51-5-F: Rat: LD50 = >2000 mg/kg
Acute toxicity - dermal:	The product does not have to be classified . Test data are not available .
Acute toxicity - inhalation:	The product does not have to be classified . Test data are not available .
Skin corrosion/irritation:	May cause slight irritation . The product does not have to be classified . Test data are not available .
Serious eye damage/eye irritation:	May cause eye irritation . The product does not have to be classified . Test data are not available .
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified . Test data are not available .
Germ cell mutagenicity:	The product does not have to be classified . Test data are not available .
Carcinogenic properties:	The product does not have to be classified . Test data are not available .
Reproductive toxicity:	The product does not have to be classified . Test data are not available .
Single STOT exposure:	The product does not have to be classified . Test data are not available .
Repeated STOT exposure:	The product does not have to be classified . Test data are not available .
Aspiration hazard:	The product does not have to be classified . Test data are not available .
Other toxicological effects:	None known .

SECTION 12: Ecological information

12.1. Toxicity

	Harmful to aquatic life with long lasting effects .
Acute toxicity:	7173-51-5-F: Fish: Pimephales promelas: 96hLC50 = 0,19 mg/l Crustacea: Daphnia magna: 48hEC50 = 0,062 mg/l Algae: Pseudokirchneriella subcapitata: 96hEC50 = 0,026 mg/l
Chronic toxicity:	7173-51-5-F: Fish: Brachydanio rerio: 34dNOEC = 0,032 mg/l Crustacea: Daphnia magna: 21dNOEC = 0,010 mg/l

12.2. Persistence and degradability

Expected to be biodegradable .
7173-51-5-F: Readily biodegradable .

12.3. Bioaccumulative potential

No bioaccumulation expected .

12.4. Mobility in soil

Test data are not available .

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances .

12.6. Other adverse effects

None known .

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 16 05 08*discarded organic chemicals consisting of or containing dangerous substances

Absorbent/cloth contaminated with the product:
EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

Uncleansed packaging is to be disposed of via the local waste -removal scheme. Empty, cleansed packaging should be disposed of for recycling.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number

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14.2. UN proper shipping name

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14.3. Transport hazard class(es)

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14.4. Packing group

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: Regulatory information

Covered by: Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

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

Special provisions:

None.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

H-phrases:

H301 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of

safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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