

# Safety Data Sheet



according to Regulation (EC) 1907/2006 (REACH) and  
Regulation (EU) 2015/830

Trade name: *LiquiDry*  
Revision date: *29.04.2022*  
Replaces version dated:\*  
Print date: *29.04.2022*

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

### 1.1 Product identifier

Trade name / designation:

*LiquiDry*

Index No.: *Not applicable*  
EC No.: *Not applicable*  
CAS No.: *Not applicable*  
REACH No.: *Not applicable*  
Other means of identification: *Not applicable*

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

Relevant identified uses:

*Liquids Absorber*

Uses advised against:

*1) In contacting with skin and dermal.  
2) In being induced or absorbed in the body.  
3) In contacting with food via the water absorbed in it.  
4) In being let to emit water absorbed once and re-absorbed water.*

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

Name: *ThoMar OHG*  
Address: *Basedower Weg 10, DE - 21483 Lüttau*  
Information contact:  
Phone: *+49(0)4153-55900-00*  
Fax: *+49(0)4153-55900-99*  
E-Mail: *sds@thomar.de*

### 1.4 Emergency Telephone Number

Phone: *+49(0)4153-55900-50*  
Office hours: *Monday - Thursday: 08:00-17:00 / Friday: 08:00-16:00*  
Language: *German, English*

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

*Not classified according to the CLP regulation*

### 2.2 Label elements

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

*Not applicable.*

Hazard pictograms:

*Not applicable*

Signal word:

*Not applicable*

Hazard components for labeling:

*Not applicable*

Hazard statements:

*Not applicable*

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Precautionary statements: *P 312 Call a POISON CENTRE or doctor/physician if you feel unwell.*

Additional labelling: *Not applicable*

## 2.3 Other hazards

Information on whether the substance or mixture meets the  
criteria for PBT or vPvB

PBT: *Not applicable*  
vPvB: *Not applicable*

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Substance name: *Not applicable*  
CAS No.: *Not applicable*  
REACH No.: *Not applicable*  
Hazard impurities: *Not applicable*

### 3.2 Mixtures

Hazardous ingredients: *Acrylic acid polymer sodium salt*  
Content ration: *≥ 87,5 %*  
CAS No.: *9003-04-7*  
REACH No.: *Not applicable*  
Classification according to Regulation (EC) No 1272/2008  
[CLP]: *Not applicable*

Hazardous ingredients: *Water*  
Content ration: *≤ 10 %*  
CAS No.: *7732-18-5*  
REACH No.: *Not applicable*  
Classification according to Regulation (EC) No 1272/2008  
[CLP]: *Not applicable*

Hazardous ingredients: *Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics*  
Content ration: *< 2,5 %*  
CAS No.: *927-510-4*  
REACH No.: *01-2119475515-33-XXXX*  
Classification according to Regulation (EC) No 1272/2008  
[CLP]: *Flam. Liq. 2;H225, Asp. Tox. 1;H304, Skin Irrit. 2;H315, STOT  
SE 3;H336, Aquatic Chronic 2;H411*

*For the wording of the listed hazard warnings refer to section  
16.*

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Following inhalation: *Supply fresh air; consult a doctor in case of pain.*  
Following skin contact: *Wash skin immediately with soap and water. Get medical attention if any discomfort continues*  
Following eye contact: *Rinse opened eye. Get medical attention if any discomfort continues.*  
Following ingestion: *Rinse mouth with water, do not swallow, drink plenty of water (maximum of 2 glasses). Immediately consult a doctor.*

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

*No further information available.*

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

*No further information available.*

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: *Extinguish with foam, carbon dioxide, dry powder or water fog.*  
Unsuitable extinguishing media: *No further information available.*

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

*By heating and fire, harmful vapours/gases may be formed.  
Dust may form explosive mixture with air.*

### 5.3 Advice for fire-fighters

*Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply. Use water spray to keep fire-exposed containers cool.*

## SECTION 6: Accidental release measures

*fire-exposed containers cool.*

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

*Avoid formation of dust, do not inhale dust, avoid substance contact, ensure sufficient ventilation.*

### 6.2 Environmental precautions

*Do not allow to enter drainage system, surface or ground water.*

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

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## 6.4 Reference to other sections

*Pick up mechanically. Avoid any dust formation.*

*See section 7 for safe handling information.*

*See section 8 for information about personal protective equipment.*

*See section 13 for disposal information.*

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Fire preventions:

*No particular measures are necessary when used properly.*

Aerosol and dust generation preventions:

*Do not open/destroy the product.*

Environmental precautions:

*No particular measures are necessary when used properly.*

Advice on general occupational hygiene:

*No particular measures are necessary when used properly.*

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

Technical measures and storage conditions:

*Store in a cool, dry place.*

Requirements for storage rooms and vessels:

*Store in closed containers, this product is hygroscopic. Provide adequate ventilation.*

Storage class:

*10-13*

### Specific end uses

industry- or sector-specific guidance :

*No further information available.*

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limits and biological limit values:

#### **UK. EH40 Workplace Exposure Limits (WELs)**

*4 mg/m<sup>3</sup> Respirable Dust*

*10 mg/m<sup>3</sup> Inhalable dust*

*No biological exposure limits noted for the ingredient(s).*

#### **Derived no effects levels (DNELs)**

##### General Population

*Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics*

*Long-term, Systemic, Dermal - 149 mg/kg/day*

*Long-term, Systemic, Inhalation - 447 mg/m<sup>3</sup>*

*Long-term, Systemic, Oral - 149 mg/kg/day*

##### Workers

*Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics*

*Long-term, Systemic, Dermal - 300 mg/kg/day*

*Long-term, Systemic, Inhalation - 2085 mg/m<sup>3</sup>*

### 8.2 Exposure controls

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Appropriate engineering controls: *Avoid dust formation.*  
Personal protective equipment:  
Eye / Face protection: *Avoid skin contact, use eye protector if necessary.*  
Skin protection: *Avoid skin contact, use protective gloves if necessary.*  
Respiratory protection: *Avoid generation of dusts, use dust mask if necessary.*  
Thermal hazards: *Not necessary*  
Environmental exposure controls: *Contain spills and prevent releases.*

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance (Form/Colour): *Granulate, white*  
Odour: *Odourless*  
Odour threshold: *Not determined*  
pH-value at 20 °C: *6 - 8*  
Melting point/freezing point: *Not determined*  
Boiling point/Boiling range: *Not determined*  
Flash point: *Not determined*  
Evaporation rate: *Not applicable*  
Flammability (solid, gaseous): *Not determined*  
Upper/lower flammability or explosive limits: *Not determined*  
Vapour pressure: *Not applicable*  
Vapour density: *Not applicable*  
Relative density: *Not determined*  
Solubility(ies): *Not determined*  
Partition coefficient: *Not determined*  
n-octanol/water: *Not determined*  
Auto-ignition temperature: *> 400 °C*  
Decomposition temperature: *> 200 °C*  
Viscosity: *Not determined*  
Explosive properties: *Dust lower explosion limit: 600 g/m3*  
Oxidising properties: *Not available.*

### 9.2 Other information

*Bulk density: 0.3 - 0.5 g/ml*

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

*No further information available.*

### 10.2 Chemical stability

*No decomposition if used according to specifications.*

### 10.3 Possibility of hazardous reactions

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## 10.4 Conditions to avoid

*Absorbs water and becomes slippery. Dust may form explosive mixture with air.*

## 10.5 Incompatible materials

*Ignition sources. Keep away from moisture.*

## 10.6 Hazardous decomposition products

*No further information available.*

*During combustion: Carbon oxides. Organic vapour.*

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity: *May cause discomfort if swallowed.*

LD/LC50 values that are relevant for classification:  
*LiquiDry (CAS Mixture)  
Oral | LD50 | > 2.000 mg/kg (Rat)  
9003-04-7 Acrylic acid polymer sodium salt  
Oral | LD50 | > 2.000 mg/kg (Rat)  
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics  
Oral | LD50 | > 5.840 mg/kg (Rat)  
Dermal | LD50 | > 2.920 mg/kg (Rat)  
Inhalativ | LC50 | > 23,3 mg/l/4h (Rat)*

Skin corrosion/irritation: *Not irritant (Human, Rabbit)*

Eye damage/irritation: *None (Rabbit)*

Sensitisation to the respiratory tract/skin: *Not a skin sensitizer. (Guinea pig)*

Germ cell mutagenicity: *Ames test using Salmonella typhimurium (TA98, TA100, TA1535 und TA1537) und Escherichia coli (WP2uvrA):  
Negative*

Carcinogenicity: *No data available.*

Reproductive toxicity: *No data available.*

Specific target organ toxicity (single exposure): *No data available.*

Specific target organ toxicity (repeated exposure): *No data available.*

Irritation to respiratory tract: *No data available.*

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Symptoms related to the physical, chemical and toxicological characteristics: *No data available.*

Additional toxicological information:  
Repeated dose toxicity *No data available.*

## 11.2. Information on other hazards\*

Endocrine disrupting properties *None of the ingredients is listed.*

## SECTION 12: Ecological information

### 12.1 Toxicity

#### LiquiDry (CAS Mixture)

*Crustacea I EC50 I Daphnia magna I > 100 mg/l/48h*

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

*Algae I EL50 I Pseudokirchneriella subcapitata I 10 - 30mg/l, 72h*

*Algae I NOELR I Pseudokirchneriella subcapitata I 10mg/l, 72h*

*Crustacea I EL50 I Daphnia magna I 3 mg/l, 48h I 1,6mg/l, 21d*

*Crustacea I NOELR I Daphnia magna I 1mg/l, 21d*

*Fish I LL50 I Oncorhynchus mykiss I > 13,4mg/l, 96h*

### 12.2 Persistence and degradability

*The product is not biodegradable.*

### 12.3 Bioaccumulative potential

*No further information available.*

### 12.4 Mobility in soil

*No further information available.*

### 12.5 Results of PBT and vPvB assessment

PBT: *Not applicable*

vPvB: *Not applicable*

### 12.6 Endocrine disrupting properties

*The product does not contain substances with endocrine disrupting properties.*

### 12.7. Other adverse effects\*

*No further information available.*

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product / Packaging disposal: *Must be recycled or disposed of according to the regulations.*

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Waste codes / waste designations according to EWC / AVV: *16 03 06*  
Waste treatment options: *No further information available.*  
Other disposal recommendations: *No further information available.*

## SECTION 14: Transport information

**14.1 UN No.** *Void*

**14.2 UN Proper shipping name**  
ADR/RID: *Void*  
IMDG-Code / ICAO-TI / IATA-DGR: *Void*

**14.3 Transport hazard class(es)** *Void*

**14.4 Packing group** *Void*

**14.5 Environmental hazards** *Not relevant.*

Hazard label(s): *Not applicable*

**14.6 Special precautions for user** *Not applicable*

**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**  
EU regulations *Not applicable*

**National regulations**  
Water hazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

**15.2 Chemical Safety Assessment:** *A Chemical Safety Assessment has not been carried out.*

## SECTION 16: Other information

**16.1 Indication of changes** *marked with an asterisk*

**16.2 Abbreviations and acronyms:**  
ADR *European Agreement concerning the International Carriage of Dangerous Goods by Road*

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CAS	<i>Chemical Abstracts Service (division of the American Chemical Society)</i>
CLP	<i>Classification, Labelling and Packaging of Chemicals</i>
IATA-DGR	<i>International Air Transport Association</i>
IBC-Code	<i>International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk</i>
ICAO-TI	<i>Technical Instructions For The Safe Transport of Dangerous Goods by Air</i>
IMDG	<i>International Maritime Code for Dangerous Goods</i>
LC50	<i>Lethal concentration, 50 percent</i>
LD50	<i>Lethal dose, 50 percent</i>
MARPOL	<i>International Convention for the Prevention of Pollution from Ships</i>
PBT/vPvB	<i>Persistent, bioaccumulative and toxic /very persistent and very bioaccumulative</i>
RID	<i>Regulations Concerning the International Transport of Dangerous Goods by Rail</i>
GisChem	<i><a href="https://ssl.gischem.de/gemischtrechner/index.htm">https://ssl.gischem.de/gemischtrechner/index.htm</a></i>

## 16.3 Key literature references and sources for data

*GisChem, Vendor data sheet*

## 16.4 Classification for mixtures and used evaluation method according to regulation (EC)

*GisChem, Vendor data sheet*

## 16.5 Relevant R-, H- and EUH-phrases (number and full text)

*H225 Highly flammable liquid and vapour.*  
*H315 Causes skin irritation.*  
*H336 May cause drowsiness or dizziness.*  
*H411 Toxic to aquatic life with long lasting effects.*  
  
*H304 May be fatal if swallowed and enters airways.*

## 16.6 Training advice

*Not intended*

## 16.7 Further information