

SAFETY DATA SHEET

02100-1001

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MSDS for #02100 - SCHMINCKE AQUA-MED Regulation (EC) No. 1907/2006 (REACH)

liquid frisket

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

1.1 Product identifier

Trade name
50 300 - liquid frisket / drawing gum, neutral
50 303 - liquid frisket / drawing gum, coloured
50 730 - masking fluid / drawing gum, neutral
50 731 - masking fluid / drawing gum, coloured

REACH registration No.
UFI

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

General use

Products for creation of art.

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
Tel +49 (0) 211 - 2509 - 0
Fax +49 (0) 211 - 2509 - 479
info@schmincke.de
www.schmincke.de

Schmincke-lab:
mo-th 8.00-16.30, fr 8.00-13.30
tel. +49 (0) 211-2509-474
labor@schmincke.de

1.4 Emergency telephone number

Emergency
Information

Emergencycall Berlin
+49 30-30686700
(24/7 counseling in german and english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

2.2 Label elements

Labelling

Signal word

Hazard statements

no hazard labelling required

Safety precautions

Hazard components for labelling

Text for labelling (CLP)

2.3 Other hazards

SECTION 3: Composition/information on ingredients

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3.1 Substances

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Chemical characterisation

watery Copolymer dispersion

CAS-Number

EINECS / ELINCS / NLP

EU index number

Customs tariff number

REACH registration No.

RTECS-no.

Hazchem-Code

CI-Number

3.2 Mixtures

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If you feel unwell, seek medical advice (show the label where possible).

In case of inhalation

Provide fresh air. Seek medical attention if problems persist.

In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

After swallowing

Rinse mouth with water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

strong water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Use appropriate respiratory protection.

Additional information

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SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

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Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Collect spilled material using paper towels and dispose.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Precautions against fire and explosion

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Hints on joint storage

Storage class

Further details

Protect from frost and exposure to sun.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Goggles

Body protection

Wear suitable protective clothing.

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid
Colour	white or light blue
Odour	sweetish

	min	max
Initial boiling point and boiling range	95 °C	105 °C

Melting point/freezing point

Flash point/flash point range

Flammability

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Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH	10	11	
Viscosity	1000	1200 mPas	20 °C
Viscosity			

Vapour pressure			
Density		0,96 g/ml	20 °C
Partition coefficient: n-octanol/water			

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable under normal storage conditions.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from frost and exposure to sun.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience

General remarks

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

Water Hazard Class 1001, 02100-4860

1

WGK catalog number

General information

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12.2 Persistence and degradability

Further details

Product is partially biodegradable.

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080111

waste paint and varnish other than those mentioned in 08 01 11

Recommendation

Package

Waste key number

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information

SECTION 14: Transport information

14.1 UN number

14.2 UN proper shipping name

ADR, ADN

No dangerous good in sense of these transport regulations.

IMDG, IATA

Danger releasing

substance

14.3 Transport hazard class(es)

ADR, ADN

IMDG

IATA

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG

-

Marine Pollutant - ADN

-

14.6 Special precautions for user

Land transport (ADR/RID)

Code: ADR/RID

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Kemmler-number
Hazard label ADR
Limited quantities
Package: Instructions
Package: Special provisions
Special provisions for packing together
Portable tanks: Instructions
Portable tanks: Special provisions
Tank coding
Tunnel restriction
Remarks
EQ
Special provisions

Sea transport (IMDG)

EmS
Special provisions
Limited quantities
Package: Instructions
Package: Special provisions
IBC: Instructions
IBC: Provisions
Tank instructions IMO
Tank instructions UN
Tank instructions Special provisions
Stowage and segregation
Properties and observations
Remarks
EQ

Air transport (IATA-DGR)

Hazard
Passenger
Passenger LQ
Cargo
ERG
Remarks
EQ
Special Provisioning

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

No data available

SECTION 15: Regulatory information

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

National regulations

Europe

Contents of VOC [%]
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class

Water Hazard Class, 02100-4860
WGK catalog number
Incident regulation

1

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Information on working limitations

Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]

Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP)

Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change

Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

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