

# SAFETY DATA SHEET

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

## 50 302 - gum arabic

Article No.	50302025	gum arabic	Issue date:	07.01.20
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 302 - gum arabic

#### 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-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

Dept. responsible for information  
Schmincke-labor:  
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  
Phone #

Emergencycall Berlin  
(24h - counseling in german and english)  
+49 (0) 30-30686700

### 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

Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.  
Full text of biocides: see section 16.

#### 2.3 Other hazards

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

Chemical characterisation

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Water  
gum arabic  
CAS-Number  
EINECS / ELINCS / NLP  
EU index number  
REACH registration No.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

Additional information

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

#### In case of inhalation

Seek medical treatment in case of troubles.

#### In case of skin contact

Remove residues with soap and water. Seek medical attention if irritation persists.

#### After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

#### After swallowing

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

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

#### Extinguishing media which must not be used for safety reasons

none

### 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

#### Additional information

## SECTION 6: Accidental release measures

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

### 6.2 environmental precautions

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

#### Methods for cleaning up

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Take up mechanically. Wash spill area with plenty of water.

### Additional information

### 6.4 Reference to other sections

## 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

Keep container tightly closed. Protect from direct sunlight.

#### Hints on joint storage

#### Storage class

#### Further details

### 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## 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

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

##### Eye protection

Tightly sealed safety glasses.

##### Body protection

Wear suitable protective clothing.

##### General protection and hygiene measures

When using do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	cloudy, brown
Odour	almost odourless

min

max

Initial boiling point and  
boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

PH value

Viscosity

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### Viscosity

Vapour pressure  
Density  
Partition coefficient: n-octanol/water

~ 1,15 g/ml

### Danger of explosion

## 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

Protect from excessive heat.

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

May form dangerous gases and vapours in case of fire.

## 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

1

#### WGK catalog number

#### General information

### 12.2 Persistence and degradability

#### Further details

#### Oxygen demand

### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF)

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No data available

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

080112 waste paint and varnish other than those mentioned in 08 01 11

Recommendation

#### Contaminated packaging

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

### 14.3 Transport hazard class(es)

ADR, ADN

IMDG

IATA

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code

Kemmler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

Special provisions for packing together

Portable tanks: Instructions

Portable tanks: Special provisions

Tank coding

Tunnel restriction

Remarks

EQ

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Special provisions

### Sea transport (IMDG)

EmS

Special provisions

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: 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 [%] 0 %

Contents of VOC

[g/L]

Further regulations, limitations and legal requirements

##### Germany

Storage class

Water Hazard Class 1

WGK catalog number

Incident regulation

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

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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

### Japan

Further regulations, limitations and legal requirements

### 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**

BIT - 1,2-benzisothiazol-3(2H)-one  
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one  
MIT - 2-methyl-2H-isothiazol-3-one  
OIT - 2-octyl-2H-isothiazol-3-one