

# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



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

### **1.1 Product identifiers**

**Product name** : Gum arabic, from acacia tree

**Article No.** : 0003,0005

**Brand** : Thomas Baker

**CAS Number** : 9000-01-5

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

**Identified uses** : Laboratory chemicals, Manufacture of substances

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

**Company Name:** Thomas Baker (Chemicals) Pvt. Ltd.

B3 & B4, MIDC, Chemical Zone, Ambernath 421501. Dist: Thane, India.

### **1.4 Emergency telephone**

**Emergency Phone #** : +91 9307304329

## **SECTION 2: HAZARDS IDENTIFICATION**

### **2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### **2.2 Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### **2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

## LABEL PRECAUTIONARY STATEMENTS

Corrosive, Flammable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Synonyms : Acacia gum

CAS-No. : 9000-01-5

EC-No. : 232-519-5

No components need to be disclosed according to the applicable regulations.

## SECTION 4: FIRST-AID MEASURES

### 4.1 Description of first aid measures

If inhaled

After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

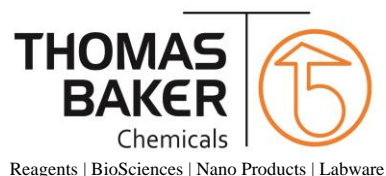
### 4.3 Indication of any immediate medical attention and special treatment needed

No data available



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## **SECTION 5: FIRE FIGHTING MEASURES**

### **5.1 Extinguishing media**

Suitable extinguishing media

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

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

Nature of decomposition products not known.

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

### **5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

### **5.4 Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

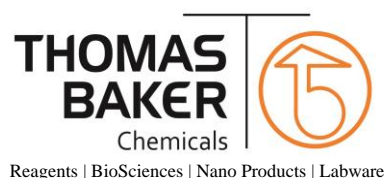
### **6.4 Reference to other sections**

For disposal see section 13.



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

For precautions see section 2.2.

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

Storage conditions

Tightly closed. Dry.

Storage class

Storage class (TRGS 510): 11: Combustible Solids

### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control parameters**

**Ingredients with workplace control parameters**

### **8.2 Exposure controls**

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

**Skin protection**

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: KCL 741 Dermatrill® L

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

Splash contact



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



Material: Nitrile rubber  
Minimum layer thickness: 0,11 mm  
Break through time: 480 min  
Material tested: KCL 741 Dermatrill® L

## Respiratory protection

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL PROPERTIES

a) Physical state	solid
b) Color	No data available
c) Odor	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Flammability (solid, gas)	No data available
g) Upper/lower flammability or explosive limits	No data available
h) Flash point	Not applicable
i) Autoignition temperature	No data available
j) Decomposition temperature	No data available
k) pH	No data available
l) Viscosity	Viscosity, kinematic: No data available



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MID C H E M I C A L Z O N E, A M B E R N A T H W E S T,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27 A A A C T 4 2 2 1 B 1 Z Y | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



	Viscosity, dynamic: No data available
m) Water solubility	No data available
n) Partition coefficient: n-octanol/water	No data available
o) Vapor pressure	No data available
p) Density	ca.1,4 g/cm <sup>3</sup>
Relative density	No data available
q) Relative vapor density	No data available
r) Particle Characteristics	No data available
s) Explosive properties	No data available
t) Oxidizing properties	none

## 9.2 Other safety information

No data available

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### **10.2 Chemical stability**

The product is chemically stable under standard ambient conditions (room temperature) .

### **10.3 Possibility of hazardous reactions**

Violent reactions possible with:  
Strong oxidizing agents

### **10.4 Conditions to avoid**

no information available

### **10.5 Incompatible materials**

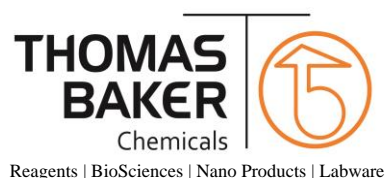
No data available



An ISO 9001:2015 Certified Company  
Certificate No. 43391/22/S

# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## 10.6 Hazardous decomposition products

In the event of fire: see section 5

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - > 16.000 mg/kg

Remarks: (RTECS)

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

Remarks: No data available

Serious eye damage/eye irritation

Remarks: No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

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

Aspiration hazard

No data available

### 11.2 Additional Information

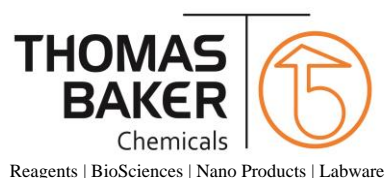
Product:

Assessment :                      The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



RTECS: CE5945000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

**Assessment** : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

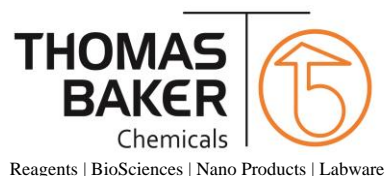
### 13.1 Waste treatment methods

No data available



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN number**

ADR/RID: -      IMDG: -      IATA: -

### **14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

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

ADR/RID: -      IMDG: -      IATA: -

### **14.4 Packaging group**

ADR/RID: -      IMDG: -      IATA: -

### **14.5 Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

### **14.6 Special precautions for user**

No data available

### **Further information**

Not classified as dangerous in the meaning of transport regulations.

### **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

## **SECTION 15: REGULATORY INFORMATION**

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

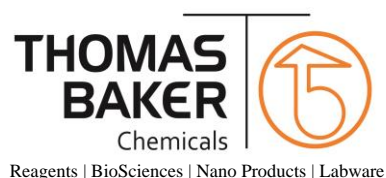
### **15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out



# SAFETY DATA SHEET

PREPARED BY: SAFETY COMMITTEE, THOMAS BAKER (CHEMICALS) PVT. LTD.  
FACTORY: B3 AND B4 MIDC CHEMICAL ZONE, AMBERNATH WEST,  
THANE, MAHARASHTRA, 421501 (INDIA). TEL: + 91 9307304329 | 9223070 00 3  
EMAIL: [info@thomasbaker.com](mailto:info@thomasbaker.com) | [sales@thomasbaker.com](mailto:sales@thomasbaker.com)  
GST NO.: 27AAACT4221B1ZY | CIN NO.: U24114MH1980PTC023396  
Revision Date 04-08-2025



## SECTION 16: OTHER INFORMATION

NA

FOR THOMAS BAKER (CHEMICALS) PVT. LTD.



**AUTHORISED SIGNATORY.**

Information contained in this "Safety Data Sheet" is believed to be reliable but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer / seller/ user to ensure that the information contained in the safety data sheet is relevant to the product manufactured / handled or sold by him as the case may be. We make no warranties expressed or implied in respect of the adequacy of this document for any particular purpose particular purpose.



An ISO 9001:2015 Certified Company  
Certificate No. 43391/22/S

REGISTERED OFFICE : 4/86, Bharat Mahal, Marine Drive, Mumbai 400 002. INDIA.  
Tel.: + 91 22 22811264 / 22815218 / 22815372 | Website: [www.thomasbaker.com](http://www.thomasbaker.com)