

# SAFETY DATA SHEET

## Gum Turpentine

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	07.11.2016
Revision date	10.08.2019

#### 1.1. Product identifier

Product name	Gum Turpentine
REACH Reg. No.	01-2119553060-53-XXXX
CAS No.	8006-64-2
EC No.	232-350-7
Article no.	66606

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

Relevant identified uses	SU8 Manufacture of bulk, large scale chemicals (including petroleum products) SU9 Manufacture of fine chemicals  PROC1 Use in closed process, no likelihood of exposure PROC2 Use in closed, continuous process with occasional controlled exposure PROC3 Use in closed batch process (synthesis or formulation) PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities ERC2 Formulation of preparations
The chemical can be used by the general public	Yes
Use of chemical, comments	The product that are sold to the general public must be fitted with child-resistant fastenings and have a tactile danger warning.

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

##### Distributor

Company name	Auson AB
Postal address	Verkstadsgratan 3
Postcode	S-434 42

City	KUNGSBACKA
Country	SVERIGE
Telephone number	+46 300-562000
Fax	+46 300-562021
Email	<a href="mailto:nina.nyth@auson.se">nina.nyth@auson.se</a>
Website	<a href="http://www.auson.se/">http://www.auson.se/</a>
Contact person	Nina Nyth

## 1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS Alarm
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 3; H226 Acute tox. 4; H302,H312,H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Asp. tox. 1; H304 Aquatic Chronic 2; H411
Additional information on classification	See section 16 for explanation of hazard statements (H) listed above.

### 2.2. Label elements

#### Hazard pictograms (CLP)



Composition on the label	Turpentine, vegetable. 100 %
Signal word	Danger
Hazard statements	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking. P280 Wear protective gloves/eye protection. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off

	immediately all contaminated clothing. Rinse skin with water / shower. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P331 Do NOT induce vomiting. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents at hazardous or special waste collection point.
EC label	Yes

### 2.3. Other hazards

Hazard description, general	Flammable
Other hazards	None

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Substance	Identification	Classification	Contents
Turpentine, vegetable.	CAS No.: 8006-64-2 EC No.: 232-350-7 REACH Reg. No.: 01-2119553060-53-XXXX	Aquatic Chronic 2; H411 Asp. tox. 1; H304 Skin Sens. 1; H317 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Acute tox. 4; H332 Acute tox. 4; H312 Acute tox. 4; H302 Flam. Liq. 3; H226	100 %
Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Fresh air and rest. Respiratory help if necessary. Consult a doctor if symptoms should occur.
Skin contact	Wash the skin with water and soap.
Eye contact	Flush immediately with water for at least 5 minutes. Get medical attention if any discomfort continues.
Ingestion	Give water to drink if the affected person is fully conscious. DO NOT INDUCE VOMITING! Never give anything by mouth to an unconscious person. In an emergency, contact the national Poisons Information Centre.

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

General symptoms and effects	No further relevant information available.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No information available.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO <sub>2</sub> ).
Improper extinguishing media	Do not use a direct water jet that could spread the fire.

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

Fire and explosion hazards	Flammable. Vapours may form explosive mixtures with air.
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## 5.3. Advice for firefighters

Personal protective equipment	General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.
Other information	Containers close to fire should be removed immediately or cooled with water.

## SECTION 6: Accidental release measures

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

Personal protection measures	Evacuate the area. Keep the general public away from danger area.
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### 6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses. Inform appropriate authorities if large amounts are involved.
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### 6.3. Methods and material for containment and cleaning up

Clean up	Collect with absorbent, non-combustible material into suitable containers.
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### 6.4. Reference to other sections

Other instructions	See Section 8 and section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Wear prescribed personal protective equipment. Avoid smoking, open flames, welding etc. Provide adequate ventilation.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep away from sources of ignition - No smoking. Keep container tightly closed. Store in original container.
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### 7.3. Specific end use(s)

Specific use(s)	See Section 1.2
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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Turpentine, vegetable.	CAS No.: 8006-64-2	TWA (8h) : 25 ppm TWA (8h) : 150 mg/m <sup>3</sup> <b>OEL short term value</b> Value: 50 ppm <b>OEL short term value</b> Value: 300 mg/m <sup>3</sup>	TWA Year: 1990

Control parameters comments	List source(s): EU - Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
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## 8.2. Exposure controls

### Safety signs



### Precautionary measures to prevent exposure

Appropriate engineering controls	Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. No smoking, fire, sparks or welding. Provide good ventilation.
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### Eye / face protection

Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
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### Hand protection

Skin- / hand protection, short term contact	Protective gloves must be used if there is a risk of direct contact or splashes.
Suitable materials	Nitrile rubber.
Breakthrough time	Value: > 480 minute(s)
Thickness of glove material	Value: ≥ 0,38 mm

### Skin protection

Skin protection remark	Protective clothing must be worn if there is a possibility of direct contact or splashes.
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### Respiratory protection

Respiratory protection necessary at	Use respiratory protection when handling the product in confined areas.
Recommended respiratory protection	Filter apparatus type: Respirator with A filter (brown).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state	Volatile liquid.
Colour	Colourless.
Odour	Strong. Characteristic.
Odour limit	Comments: Not determined.
Melting point / melting range	Value: -60 °C
Boiling point / boiling range	Value: 150 - 180 °C
Flash point	Value: 35 °C
Explosion limit	Value: 0,8 - 6 %
Vapour pressure	Value: 0,67 kPa
Vapour density	Value: ~ 1
Density	Value: 855 -870 kg/m <sup>3</sup> Temperature: 20 °C
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Value: 4,49 Method: log Pow Temperature: 25 °C
Spontaneous combustability	Value: 220 °C
Viscosity	Value: 1,3 mPa.s Method: Dynamic Temperature: 25 °C

## 9.2. Other information

### Other physical and chemical properties

Comments	No further relevant information available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
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### 10.2. Chemical stability

Stability	Stable with normal handling.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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### 10.4. Conditions to avoid

Conditions to avoid	Heat and sources of ignition.
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## 10.5. Incompatible materials

Materials to avoid	Reacts violently with oxidizers.
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## 10.6. Hazardous decomposition products

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions. Heating may liberate hazardous gases. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	Turpentine, vegetable.
Acute toxicity	<p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LC50  <b>Route of exposure:</b> Inhalation.  <b>Duration:</b> 6 h  <b>Value:</b> 12000 mg/m<sup>3</sup>  <b>Animal test species:</b> rat</p> <p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Value:</b> 5760 mg/kg  <b>Animal test species:</b> rat</p>

### Other information regarding health hazards

Acute toxicity, human experience	Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.
Skin corrosion / irritation, human experience	Causes skin irritation. May cause an allergic skin reaction.
Eye damage or irritation, human experience	Causes serious eye irritation.
Inhalation	May cause: dizziness, fatigue, headache, indisposition. May cause a burning sensation in nose and throat. Influence on heart. Kidney damage. Unconsciousness.
Skin contact	Defats the skin. Blush. Dermal fissure. Prolonged or repeated skin contact may cause dermatitis. Product may penetrate skin by prolonged exposure and give similar symptoms as by inhalation.
Eye contact	Irritates the eyes.
Ingestion	Abdominal pains. Diarrhoea. Vomiting. Causes similar symptoms as by inhalation. May cause: Pneumonia.
Sensitisation	Contains epoxy constituents. May produce an allergic reaction.
Assessment of germ cell mutagenicity, classification	The chemical structure does not suggest a mutagenic effect.
Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Reproductive toxicity	The chemical structure does not suggest such an effect.

Aspiration hazard, human experience	May be fatal if swallowed and enters airways.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Turpentine, vegetable.
Acute aquatic, fish	<b>Value:</b> 29 mg/l <b>Test duration:</b> 96 hour(s) <b>Species:</b> Danio rerio <b>Method:</b> LL50 <b>Test reference:</b> ECHA
Substance	Turpentine, vegetable.
Acute aquatic, algae	<b>Value:</b> 17,1 mg/l <b>Test duration:</b> 72 hour(s) <b>Species:</b> Desmodesmus subspicatus <b>Method:</b> EL50 <b>Test reference:</b> ECHA
Substance	Turpentine, vegetable.
Acute aquatic, Daphnia	<b>Value:</b> 8,8 mg/l <b>Test duration:</b> 48 hour(s) <b>Species:</b> Daphnia magna <b>Method:</b> EL50 <b>Test reference:</b> ECHA
Ecotoxicity	Toxic to aquatic organisms.

### 12.2. Persistence and degradability

Substance	Turpentine, vegetable.
Biodegradability	<b>Value:</b> 71,7 % <b>Method:</b> O2 consumption <b>Test period:</b> 28 day(s)
Persistence and degradability, comments	Readily biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential	Has the potential to bioaccumulate.
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### 12.4. Mobility in soil

Mobility	No data available.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	The product does not contain any PBT or vPvB substance.
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### 12.6. Other adverse effects

Other adverse effects, comments	May cause long-term adverse effects in the aquatic environment.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Should be prevented from entering drain. Dispose of in compliance with local regulations.
EWC waste code	EWC waste code: 140603 other solvents and solvent mixtures Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: No
Other information	EWC code is only a suggestion, final consumer selects a suitable EWC code.

## SECTION 14: Transport information

Dangerous goods	Yes
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### 14.1. UN number

ADR / RID / ADN	1299
IMDG	1299
ICAO / IATA	1299

### 14.2. UN proper shipping name

Proper shipping name english ADR / RID / ADN	TURPENTINE
ADR / RID / ADN	TURPENTINE
IMDG	TURPENTINE
ICAO / IATA	TURPENTINE

### 14.3. Transport hazard class(es)

ADR / RID / ADN	3
Classification code ADR / RID / ADN	F1
IMDG	3
ICAO / IATA	3

### 14.4. Packing group

ADR / RID / ADN	III
IMDG	III
ICAO / IATA	III

### 14.5. Environmental hazards

ADR / RID / ADN	Yes
IMDG	Yes

IMDG Marine pollutant	Yes
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## 14.6. Special precautions for user

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Product name	TURPENTINE
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### Additional information

ADR / RID / ADN hazard label	3
IMDG Hazard label	3
ICAO / IATA Hazard label	3
Additional information	Limited quantity

### ADR / RID - Other information

Tunnel restriction code	D/E
Transport category	3
Hazard No.	30
RID other applicable information	30

### IMDG / ICAO / IATA Other information

EmS	F-E, S-E
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## SECTION 15: Regulatory information

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

EEC-directive	2006/121/2006
Biocides	No
Nanomaterial	No
References (laws/regulations)	The product is classified and labelled in accordance with EEC guidelines or national legislation.
Legislation and regulations	Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008.

### 15.2. Chemical safety assessment

Chemical safety assessment performed	No
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## SECTION 16: Other information

Supplier's notes	These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product. In case of uncertainties we advise you to make own tests or ask for written directions from us.
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List of relevant H-phrases (Section 2 and 3)	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H411 Toxic to aquatic life with long lasting effects.
Version	12
Expired date	10.08.2022