

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

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

### 1.1 Product identifier

**Trade name:** Tar & Sap Remover

**Product Code(s):** 08112

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

**Sector of Use:** Product supplied for both public and professional use

**Technical function** Removes bug & tar from the automobile

**Application of the substance / the preparation:** Automotive appearance improvement

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

**Manufacturer/Supplier:**

Stoner Incorporated  
1070 Robert Fulton Hwy.  
Quarryville, PA 17566  
United States  
Tel: +1 717-786-7355  
Fax: +1 717-786-4665  
Email: dswartz@stonersolutions.com

**Further information obtainable from:**

REACH Only Representative  
B-Lands Consulting  
5 Place Robert Schuman, BP 1516  
38025 Grenoble, FRANCE  
Tel: +33 476 295 869  
Fax: +33 476 295 870  
Email: clients@reach-compliance.eu  
Web: www.reachteam.eu

### 1.4 Emergency telephone number(s):

CHEMTREC: +1 703-741-5970 (24h)

NHS Direct: 111

National Poisons Information Service (NPIS): 0121 507 4123 (healthcare professionals only).

Ireland - National Poisons Information Centre: 01 837 9964 or 01 809 2566 (healthcare professionals only).

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**



GHS02 GHS07 GHS08 GHS09

**Signal word:** Danger

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover**Hazard-determining components of labelling:**

Distillates (petroleum), hydrotreated light  
(R)-p-mentha-1,8-diene  
Solvent naphta (petroleum) heavy aliph.  
Heptane

**Hazard statements:**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P321 Specific treatment (see on this label).  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P405 Store locked up.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

<b>Hazardous components:</b>		
CAS: 64742-47-8 EINECS: 265-149-8 Index number: 649-422-00-2	Distillates (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304	10-<25%
CAS: 64742-96-7 EINECS: 265-200-4 Index number: 649-406-00-5	Solvent naphta (petroleum) heavy aliph. Asp. Tox. 1, H304	10-<25%
CAS: 75-37-6 EINECS: 200-866-1	1,1-difluoroethane Flam. Gas 1, H220; Press. Gas (Liq.), H280	10-<25%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9	xylene Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10-<25%
CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	10-<25%

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

CAS: 142-82-5 EINECS: 205-563-8 Index number: 601-008-00-2	Heptane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336	2.5-<10%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	Propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-<10%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	1-<5%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	0.1-<5%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended.

#### After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in the recovery position.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.

**5.2 Special hazards arising from the substance or mixture** Can form explosive gas-air mixtures.

### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

## SECTION 6: Accidental release measures

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

Keep away from ignition sources.

Use personal protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

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

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

Dispose contaminated material as waste according to item 13.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

**Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Store away from oxidising agents.**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

**7.3 Specific end use(s):** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****1330-20-7 xylene**

WEL (Great Britain)	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
---------------------	------------------------------------------------------------------------------------------------------------------

IOELV (EU)	Short-term value: 442 mg/m <sup>3</sup> , 100 ppm Long-term value: 221 mg/m <sup>3</sup> , 50 ppm Skin
------------	--------------------------------------------------------------------------------------------------------------

**112-34-5 2-(2-butoxyethoxy)ethanol**

WEL (Great Britain)	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm
---------------------	--------------------------------------------------------------------------------------------------------

IOELV (EU)	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm
------------	--------------------------------------------------------------------------------------------------------

**142-82-5 Heptane**

WEL (Great Britain)	Long-term value: 2085 mg/m <sup>3</sup> , 500 ppm
---------------------	---------------------------------------------------

IOELV (EU)	Long-term value: 2085 mg/m <sup>3</sup> , 500 ppm
------------	---------------------------------------------------

**67-63-0 Propan-2-ol**

WEL (Great Britain)	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
---------------------	--------------------------------------------------------------------------------------------------------

**100-41-4 ethylbenzene**

WEL (Great Britain)	Short-term value: 552 mg/m <sup>3</sup> , 125 ppm Long-term value: 441 mg/m <sup>3</sup> , 100 ppm Sk
---------------------	-------------------------------------------------------------------------------------------------------------

IOELV (EU)	Short-term value: 884 mg/m <sup>3</sup> , 200 ppm Long-term value: 442 mg/m <sup>3</sup> , 100 ppm Skin
------------	---------------------------------------------------------------------------------------------------------------

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

Ingredients with biological limit values:	
<b>1330-20-7 xylene</b>	
BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

**Additional information:** The lists valid during the making were used as basis.

## 8.2 Exposure controls

### Personal protective equipment

#### General protective and hygienic measures:

Wash hands before breaks and at the end of work.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Avoid contact with the eyes and skin.

#### Respiratory protection:

In case of brief exposure use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### Protection of hands:



Protective gloves.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Eye protection:



Safety glasses with side-shields (EN 166).

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

**Form:** Aerosol.  
**Colour:** Colourless.

**Odour:** Petroleum-like.  
**Odour threshold:** Not determined.

**pH-value:** Not determined.

**Melting point/freezing point:** Not determined.

**Initial boiling point and boiling range:** Not applicable, as aerosol.

**Flash point:** Not applicable, as aerosol.

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Explosive properties:** Product does not present an explosion hazard.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover**Explosion limits:**

**Lower:** Not determined.  
**Upper:** Not determined.

**Oxidising properties** Not determined.**Vapour pressure:** 63.0 PSIG**Density:** Not determined.**Relative density** Not determined.**Vapour density** >1 (air=1)**Evaporation rate** Not applicable.**Solubility in / Miscibility with****Water:** Not determined.**Partition coefficient: n-octanol/water:** Not determined.**Viscosity:**

**Dynamic:** Not determined.  
**Kinematic:** Not determined.

**9.2 Other information** No further relevant information available.**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.  
 No further relevant information available.

**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products**

Formation of toxic gases is possible during heating or in case of fire.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values:****75-37-6 1,1-difluoroethane**

Inhalative	LC50/4h	977 mg/L (Mouse)
------------	---------	------------------

**1330-20-7 xylene**

Oral	LD50	4300 mg/kg (Rat)
Dermal	LD50	2000 mg/kg (Rabbit)

**112-34-5 2-(2-butoxyethoxy)ethanol**

Oral	LD50	5660 mg/kg (Rat)
Dermal	LD50	4000 mg/kg (Rabbit)

**67-63-0 Propan-2-ol**

Oral	LD50	5840 mg/kg (Rat)
Dermal	LD50	12800 mg/kg (Rabbit)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

Inhalative	LC50/4h	30 mg/L (Rat)
<b>5989-27-5 (R)-p-mentha-1,8-diene</b>		
Oral	LD50	4400 mg/kg (Rat)
<b>100-41-4 ethylbenzene</b>		
Oral	LD50	3500 mg/kg (Rat)
Dermal	LD50	17800 mg/kg (Rabbit)
<b>108-88-3 toluene</b>		
Oral	LD50	5000 mg/kg (Rat)
Dermal	LD50	12124 mg/kg (Rabbit)
Inhalative	LC50/4h	5320 mg/L (Mouse)

**Primary irritant effect:****Skin corrosion/irritation:**

Causes skin irritation.

**Serious eye damage/irritation:**

Causes serious eye irritation.

**Respiratory or skin sensitisation:**

May cause an allergic skin reaction.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):****Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** Based on available data, the classification criteria are not met.**STOT-repeated exposure:** Based on available data, the classification criteria are not met.**Aspiration hazard:**

May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****1330-20-7 xylene**

LC50/24h 100-1000 mg/L (Daphnia)

LC50/96h 24-30 mg/L (Minnow)

**67-63-0 Propan-2-ol**

LC50/24h &gt; 10000 mg/L (Daphnia)

LC50/96h 9640 mg/L (Fish)

NOEC 1050 mg/L (Microorganisms)

**5989-27-5 (R)-p-mentha-1,8-diene**

EC50/48h 70 mg/L (Daphnia)

LC50/96h 1 mg/L (Fish)

**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** Toxic for fish**Additional environmental information:****General notes:**

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

Danger to drinking water if even small quantities leak into the ground.

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation:** Do not allow product to reach sewage system.**Uncleaned packaging:****Recommendation:**

Disposal must be made in accordance with official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

**SECTION 14: Transport information****14.1 UN Number****ADR, IMDG, IATA**

UN1950

**14.2 UN proper shipping name****ADR**1950 AEROSOLS, ENVIRONMENTALLY  
HAZARDOUS**IMDG**AEROSOLS (HEPTANES, DIPENTENE), MARINE  
POLLUTANT**IATA**

AEROSOLS, flammable

**14.3 Transport hazard class(es)****ADR****Class**

2 5F Gases.

**Label**

2.1

**IMDG****Class**

2.1

**Label**

2.1

**IATA****Class**

2.1

**Label**

2.1

**14.4 Packing group****ADR, IMDG, IATA**

Not applicable.

**14.5 Environmental hazards**Product contains environmentally hazardous  
substances: Heptane, (R)-p-mentha-1,8-diene  
Yes**Marine pollutant:****14.6 Special precautions for user**

Warning: Gases.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

<b>Hazard identification number (Kemler code):</b>	-
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
<b>Segregation Code</b>	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**Transport/Additional information:****ADR****Excepted quantities (EQ)**

Code: E0  
Not permitted as Excepted Quantity  
D

**Tunnel restriction code:****IMDG****Limited quantities (LQ)****Excepted quantities (EQ)**

1L  
Code: E0  
Not permitted as Excepted Quantity

## SECTION 15: Regulatory information

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

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients are listed.**Seveso category**

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 55

#### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients are listed.

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

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.03.2021

Version number 1

Revision: 31.03.2021

**Trade name:** Tar & Sap Remover

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas (Liq.): Gases under pressure – Liquefied gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity - dermal – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2