

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Supernatural Tar and Glue Remover

Revision 1

Revision date 2015-10-29

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

1.1. Product identifier

Product name	Supernatural Tar and Glue Remover
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1.3. Details of the supplier of the safety data sheet

Company	Dodo Juice Limited
Address	Unit 10 Golds Nurseries Business Park Jenkins Drive Elsenham Bishops Stortford CM22 6JX UK
Web	www.dodojuice.com
Telephone	+44(0)1279 813222
Email address of the competent person	factory@dodojuice.com

1.4. Emergency telephone number

Emergency telephone number	+44(0)7891 096802
Company	Dodo Juice Ltd 24 hr

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xn; R65 Xi; R43 R66 Symbols: Xn: Harmful.
Main hazards	May cause sensitisation by skin contact. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.
2.1.2. Classification - EC 1272/2008	Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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2.2. Label elements

Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ soap. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P391 - Collect spillage.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to local and national regulations

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Distillates (petroleum), hydrotreated light	649-422-00-2	64742-47-8	265-149-8		50 - 60%	Xn; R65	
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			920-901-0		20 - 30%	Xn; R65 R66	
Orange Oil Terpenes		8028-48-6	232-433-8		10 - 20%	Xn; R65 Xi; R38-43 N; R50/53 R10	
(R)-p-Mentha-1,8-diene (D-Limonene)	601-029-00-7	5989-27-5	227-813-5		1 - 10%	R10 Xi; R38 R43 N; R50/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Distillates (petroleum), hydrotreated light	649-422-00-2	64742-47-8	265-149-8		50 - 60%	Asp. Tox. 1: H304;	
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			920-901-0		20 - 30%	EUH066; Asp. Tox. 1: H304;	
Orange Oil Terpenes		8028-48-6	232-433-8		10 - 20%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
(R)-p-Mentha-1,8-diene (D-Limonene)	601-029-00-7	5989-27-5	227-813-5		1 - 10%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	Inhalation may cause nausea and vomiting. May cause dizziness and headache.
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4.2. Most important symptoms and effects, both acute and delayed

Eye contact	May cause irritation to eyes.
Skin contact	Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Ingestion	Harmful if swallowed. May be fatal if swallowed and enters airways.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. Do NOT use water jet.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

(R)-p-Mentha-1,8-diene (D-Limonene)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Distillates (petroleum), hydrotreated light	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 1200 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	WEL 8-hr limit ppm: 171 WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 1200 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing. Do not eat, drink or smoke in areas where this product is used or stored.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light orange
Odour	Pleasant
pH	7
Upper Explosive Limit	0.7 %
Lower Explosive Limit	0.6 %
Vapour density	4.5 g/cm ³
Relative density	0.8 (H ₂ O = 1 @ 20 °C)
Flash point	69 °C
Evaporation rate	0.06
Solubility	Immiscible in water

SECTION 10: Stability and reactivity

10.1. Reactivity

	No Significant Hazard.
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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No Significant Hazard.

10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition. Direct sunlight.

10.5. Incompatible materials

Acids. Strong oxidising agents.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful: may cause lung damage if swallowed.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Aspiration hazard	Potential for aspiration if swallowed.

11.1.4. Toxicological Information

(R)-p-Mentha-1,8-diene	Oral Rat LD50: 4400mg/kg	Dermal Rabbit LD50: >5000mg/kg
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Inhalation Rat LC50/8 h: >5000mg/kg	Oral Rat LD50: >5000mg/kg
	Dermal Rabbit LD50: >5000mg/kg	

SECTION 12: Ecological information

12.1. Toxicity

(R)-p-Mentha-1,8-diene	Daphnia EC50/48h: 69.6 mg/l	Fathead minnows LC50/96h: 0.702mg/l
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Daphnia EC50/48h: 1000 mg/l	Algae IC50/72h: 1000 mg/l
	Fish LC50/96h: 1000 mg/l	

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Hydrocarbons, C11-C13, No data available
isoalkanes, <2% aromatics

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



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14.1. UN number	
	UN3082

14.2. UN proper shipping name	
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains d-limonene.)

14.3. Transport hazard class(es)	
ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group	
Packing group	III

14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID	
Hazard ID	90
Tunnel Category	(E)

IMDG	
EmS Code	F-A S-F

IATA	
Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment	
	No data is available on this product.

SECTION 16: Other information

Other information	

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Other information

Text of Hazard Statements in Section 3	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Labelling for contents	allergenic fragrances 5% - < 15%

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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