



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Dodo Juice Release the Grease

Revision 1

Revision date 2015-06-22

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

1.1. Product identifier

Product name	Dodo Juice Release the Grease
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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	Xi; R38-41-43 Symbols: Xi: Irritant.
Main hazards	Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Precautionary Statement: Prevention	<p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P270 - Do not eat, drink or smoke when using this product.</p> <p>P272 - Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Response	<p>P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell.</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of water/ .</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 - Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p> <p>P330 - Rinse mouth.</p> <p>P332+P313 - If skin irritation occurs: Get medical advice/attention.</p> <p>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</p>
Precautionary Statement: Disposal	P501 - Dispose of contents/container to hazardous waste.

2.3. Other hazards

Other hazards	None.
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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.
2-Amino-2-methylpropanol	603-070-00-6	124-68-5	204-709-8			Xi; R36/38 R52/53	
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8			Xi; R38-41	
Alcohol ethoxylate with 6.5MEO		68439-46-3				Xn; R22 Xi; R41	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0			Xn; R20/21/22 Xi; R36/38	
sodium metasilicate pentahydrate		10213-79-3	229-912-9			C; R34 Xi; R37	
(R)-p-Mentha-1,8-diene (D-Limonene)	601-029-00-7	5989-27-5	227-813-5			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.
2-Amino-2-methylpropanol	603-070-00-6	124-68-5	204-709-8			Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 3: H412;	
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8			Skin Irrit. 2: H315; Eye Dam. 1: H318;	
Alcohol ethoxylate with 6.5MEO		68439-46-3				Acute Tox. 4: H302; Eye Dam. 1: H318;	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0			Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
sodium metasilicate pentahydrate		10213-79-3	229-912-9			Skin Corr. 1B: H314; STOT SE 3: H335;	
(R)-p-Mentha-1,8-diene (D-Limonene)	601-029-00-7	5989-27-5	227-813-5			Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317;	
MMB (3-methoxy-3-methyl-1-butanol)		56539-66-3	260-252-4			Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319;	

SECTION 4: First aid measures

4.1. Description of first aid measures

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4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
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	May cause irritation to mucous membranes.
Eye contact	Risk of serious damage to eyes.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.

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

Eye contact	Immediate medical attention is required.
Ingestion	Immediate medical attention is required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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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. 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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6.4. Reference to other sections

	SECTION 7: Handling and storage. SECTION 8: Exposure controls/personal protection.
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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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7.3. Specific end use(s)

	Do not breathe gas/fumes/vapour/spray.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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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 8-hr limit mg/m3:
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable 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.
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

Colour	Clear
Odour	Perfumes
Relative density	0.996 (H2O = 1 @ 20 °C)
Viscosity	8 sec. 3 mm (ISO 2431)

9.2. Other information

VOC (Volatile organic compounds)	105 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.4. Conditions to avoid

	None.
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10.5. Incompatible materials

	None.
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10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended.
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SECTION 11: Toxicological information

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11.1.4. Toxicological Information

(R)-p-Mentha-1,8-diene	Oral Rat LD50: 4400mg/kg	Dermal Rabbit LD50: >5000mg/kg
2-Amino-2-methylpropanol	Oral Rat LD50: 2900mg/kg	Oral Mouse LD50: 2150mg/kg
Alcohol ethoxylate with 6.5MEO	Oral Rat LD50: >200<2000mg/kg	
Ethylene glycol monobutyl ether	Inhalation Rat LC50/4 h: 2.4mg/l	Oral Rat LD50: 470mg/kg
Sodium C14-C16 olefin sulphonate	Oral Rat LD50: >2000mg/kg	
sodium metasilicate pentahydrate	Oral Rat LD50: 1280mg/kg	Oral Mouse LD50: 770mg/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
2-Amino-2-methylpropanol	Lepomis_Macrochirus LC50/96h: 190mg/l	
Alcohol ethoxylate with 6.5MEO	Fish LC50/96h: 10.0000 mg/l	
Ethylene glycol monobutyl ether	Daphnia EC50/48h: 1000 mg/l	Fish LC50/96h: 1700.0000 mg/l
MMB (3-methoxy-3-methyl-1-butanol)	NOEC / EC10 for marine or freshwater organisms >1000.0000 mg/l LC50 for marine or freshwater organisms >100.0000 mg/l	EC50 for marine or freshwater organisms >1000.0000 mg/l
Sodium C14-C16 olefin sulphonate	Daphnia EC50/48h: 10.0000 mg/l	Algae EC50/72h: 10
sodium metasilicate pentahydrate	Green Algae EC50/48h: 100	Brachydanio Rerio LC50/96h: 12.2mg/l
	Daphnia EC50/48h: 4857 mg/l	Fish LC50/96h: 3185.0000 mg/l

12.2. Persistence and degradability

	More than 90% biodegradable.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	Soluble in water.
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12.5. Results of PBT and vPvB assessment

	Not determined.
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12.6. Other adverse effects

	Harmful to aquatic life with long lasting effects.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
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General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

14.6. Special precautions for user

	Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray.
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SECTION 15: Regulatory information

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

	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	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.
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15.2. Chemical safety assessment

	No data available.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.2. Other information (Product Subcategory). 16 - Maximum content of VOC.
Text of risk phrases in Section 3	R10 - Flammable R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R37 - Irritating to respiratory system. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Maximum content of VOC	105 g/l.

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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