

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Crankalicious Rotorrisimo

Revision 0

Revision date 2016-08-23

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

1.1. Product identifier

Product name	Crankalicious Rotorrisimo
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products); [AC1] Vehicles;
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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	F; R11 Xn; R65 Xi; R36/38 N; R51/53 R67
Main hazards	Symbols: F: Highly flammable. Xn: Harmful. N: Dangerous for the environment. Highly flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

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2.2. Label elements

Precautionary Statement: Prevention	<p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
Precautionary Statement: Response	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Storage	<p>P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.</p>
Precautionary Statement: Disposal	<p>P501 - Dispose of contents/container to local and national regulations</p>

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.
Hydrocarbons, C7-C9 isoalkanes			921-728-3		70 - 80%	F; R11 Xn; R65 Xi; R38 N; R51/53 R67	
Isopropanol	603-117-00-0	67-63-0	200-661-7		20 - 30%	F; R11 Xi; R36 R67	
Ethylene glycol monobutyl ether	603-014-00-0	111-76-2	203-905-0		0.5 - 1%	Xn; R20/21/22 Xi; R36/38	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Hydrocarbons, C7-C9 isoalkanes			921-728-3		70 - 80%	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411;	
Isopropanol	603-117-00-0	67-63-0	200-661-7		20 - 30%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	

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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. Immediate medical attention is required.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Immediate medical attention is required.

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

Inhalation	Vapours may cause drowsiness and dizziness. Headache, nausea and vomiting.
Eye contact	Causes serious eye irritation.
Skin contact	Prolonged or repeated exposure may cause: Skin irritation and dermatitis.
Ingestion	May be fatal if swallowed and enters airways.

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

Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Aspiration hazard.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Carbon oxides. Dry chemical. Foam. Do NOT use water jet.
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5.2. Special hazards arising from the substance or mixture

	Highly flammable. Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.
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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. Eliminate all sources of ignition. Evacuate personnel to a safe area. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.
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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. Sweep up. 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

	See section 8 for further information.
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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. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
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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. Store in correctly labelled containers.
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7.3. Specific end use(s)

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7.3. Specific end use(s)

Do not breathe gas/fumes/vapour/spray.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethylene glycol monobutyl ether	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 123 WEL 15 min limit mg/m3: 101.2 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Hydrocarbons, C7-C9 isoalkanes	WEL 8-hr limit ppm: 300 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: 1400 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Isopropanol	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

DNEL: Derived no-effect level.



Exposure Pattern - Workers

Hydrocarbons, C7-C9 isoalkanes	Long-term - inhalation - Systemic effects 2035 mg/m ³ Long-term - dermal - Systemic effects 773 mg/kg
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Exposure Pattern - General population

Hydrocarbons, C7-C9 isoalkanes	Long-term - inhalation - Systemic effects 608 mg/m ³ Long-term - dermal - Systemic effects 699 mg/kg Long-term - oral - Systemic effects 699 mg/kg
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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	Wear suitable respiratory equipment when necessary.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Violet
Odour	Perceptible
Initial boiling point	90 - 150 °C
Flash point	7 °C
Evaporation rate	1.6 g/min
Upper Explosive Limit	6.3 %
Lower Explosive Limit	0.7 %
Vapour pressure	10000 Pa
Vapour density	1 g/cm ³
Relative density	0.74 (H ₂ O = 1 @ 20 °C)
Autoignition temperature	200 °C
Viscosity	7 sec. 3 mm (ISO 2431)
Solubility	Insoluble in water

9.2. Other information

VOC (Volatile organic compounds)	740 g/l
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SECTION 10: Stability and reactivity**10.1. Reactivity**

	See section below for further information.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Combustible liquid. Keep away from incompatible materials.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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10.5. Incompatible materials

	Strong oxidising agents.
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10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended. Burning produces obnoxious and irritating fumes.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Skin corrosion/irritation	Irritating to skin. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No Significant Hazard.
Aspiration hazard	May be fatal if swallowed and enters airways.
Repeated or prolonged exposure	May cause degreasing of the skin. May cause irritation to skin.

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11.1.4. Toxicological Information

Crankalicious Rotorrisimo	Inhalation Rat LC50/4 h: LC50>21mg/l(vapour) Dermal Rabbit LD50: LD50>2000mg/kg	Oral Rat LD50: LD50>5000mg/kg
Ethylene glycol monobutyl ether	Inhalation Rat LC50/4 h: 2.4mg/l	Oral Rat LD50: 470mg/kg
Isopropanol	Oral Rat LD50: 5500mg/kg	Dermal Rabbit LD50: >2000mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Crankalicious Rotorrisimo	Daphnia EC50/48h: 2.4 mg/l Fish LC50/96h: 18.4 mg/l	Algae IC50/72h: 29 mg/l
Ethylene glycol monobutyl ether	Daphnia EC50/48h: 1000 mg/l	Fish LC50/96h: 1700.0000 mg/l
Isopropanol	Algae EC50/72h: >1000mg/l Bacteria EC10/18h: 5175mg/l	Daphnia LC50/24h: >1000mg/l Golden orfe LC50/48h: >100mg/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.

12.4. Mobility in soil

Immiscible in water. Evaporates readily.

12.5. Results of PBT and vPvB assessment

PBT no. vPvB no.

12.6. Other adverse effects

Toxic to aquatic organisms.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Dispose of this material and its container to hazardous or special waste collection point. Do not empty into drains.

Disposal of packaging

Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3295

14.2. UN proper shipping name

HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C7-C9 isoalkanes)

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14.3. Transport hazard class(es)	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group	
Packing group	II

14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID	
Hazard ID	33
Tunnel Category	(D/E)

IMDG	
EmS Code	F-E S-D

IATA	
Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L

SECTION 15: Regulatory information

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

Regulations	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. 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.
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15.2. Chemical safety assessment

	No data available.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R38 - Irritating to skin. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
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Other information

Text of Hazard Statements in Section 3	<p>R67 - Vapours may cause drowsiness and dizziness.</p> <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Eye Irrit. 2: H319 - Causes serious eye irritation.</p>
Maximum content of VOC	740 g/l.

Further information

	<p>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.</p>
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