



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Dodo Juice Crudzilla TFR Refill

Revision 1

Revision date 2015-08-28

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

#### 1.1. Product identifier

Product name	Dodo Juice Crudzilla TFR Refill
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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); [PROC11] Non industrial spraying; [ERC8d] Wide dispersive outdoor use of processing aids in open systems; [AC1] Vehicles; ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products); [PROC11] Non industrial spraying; [ERC8d] Wide dispersive outdoor use of processing aids in open systems; [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	Xi; R38-41 Symbols: Xi: Irritant.
Main hazards	Irritating to skin. Risk of serious damage to eyes.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;


#### 2.2. Label elements

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## 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
<b>Precautionary Statement: Prevention</b>	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement: Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to local and national regulations

## 2.3. Other hazards

<b>Other hazards</b>	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		1 - 10% Xi; R36/38 R52/53		
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10% Carc. Cat. 3; R40 Xn; R22 Xi; R36		
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8		1 - 10% Xi; R38-41		
sodium metasilicate pentahydrate		10213-79-3	229-912-9		1 - 10% C; R34 Xi; R37		
Alcohol ethoxylate with 6.5MEO		68439-46-3			1 - 10% Xn; R22 Xi; R41		
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5% C; R35		
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		1 - 10% Xn; R20/21/22 Xi; R36/38		

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## 3.2. Mixtures

## 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		1 - 10%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 3: H412;	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8		1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
sodium metasilicate pentahydrate		10213-79-3	229-912-9		1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335;	
Alcohol ethoxylate with 6.5MEO		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	

## SECTION 4: First aid measures

## 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

Eye contact	Risk of serious damage to eyes.
Skin contact	Irritating to skin. Causes burns.

## 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

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## 6.4. Reference to other sections

SECTION 7: Handling and storage. SECTION 8: Exposure controls/personal protection.

## 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.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 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 (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:
Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 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).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Colour	Green
Odour	Perfumes
pH	13.8
Relative density	1.08 (H <sub>2</sub> O = 1 @ 20 °C)
Viscosity	8 sec. 3 mm (ISO 2431)
Solubility	Soluble in water

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## 9.2. Other information

VOC (Volatile organic compounds)	18 g/l
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Keep away from acids.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Contact with strong acids will produce an exothermic reaction.
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## 10.4. Conditions to avoid

	None.
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## 10.5. Incompatible materials

	Acids.
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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

## 11.1. Information on toxicological effects

Carcinogenicity	Limited evidence of a carcinogenic effect.
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## 11.1.4. Toxicological Information

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

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
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

	Readily biodegradable.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## BCF: Bioconcentration factor.

Sodium C14-C16 olefin sulphonate	BCF: Bioconcentration factor. 70.8 L/kg
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## 12.4. Mobility in soil

Soluble in water.

## 12.5. Results of PBT and vPvB assessment

Not determined.

## 12.6. Other adverse effects

None.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal methods

Do not empty into drains.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1760

## 14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S.

## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## 14.6. Special precautions for user

Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray.

## ADR/RID

Hazard ID	80
Tunnel Category	(E)

## IMDG

EmS Code F-A S-B

## IATA

Packing Instruction (Cargo) 856

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## IATA

Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

## 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 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	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1. Classification of the substance or mixture.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>4 - Skin contact.</li> <li>4 - Eye contact.</li> <li>4 - Inhalation.</li> <li>4 - Ingestion.</li> <li>4 - Skin contact.</li> <li>8 - Respiratory protection.</li> <li>11 - 11.1.4. Toxicological Information.</li> <li>12 - 12.1. Toxicity.</li> <li>13 - Disposal methods.</li> <li>13 - 13.1. Waste treatment methods.</li> <li>14 - ADR/RID.</li> <li>14 - IMDG.</li> <li>14 - IATA.</li> <li>15 - Labelling.</li> <li>15 - Risk phrases.</li> <li>15 - Safety phrases.</li> </ul>
Text of risk phrases in Section 3	<p>R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R35 - Causes severe burns.</p> <p>R36/38 - Irritating to eyes and skin.</p> <p>R36 - Irritating to eyes.</p> <p>R37 - Irritating to respiratory system.</p> <p>R38 - Irritating to skin.</p> <p>R40 - Limited evidence of a carcinogenic effect.</p> <p>R41 - Risk of serious damage to eyes.</p> <p>R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>

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## Other information

<b>Text of Hazard Statements in Section 3</b>	<p>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.          Acute Tox. 4: H302 - Harmful if swallowed.          Carc. 2: H351 - Suspected of causing cancer .          Eye Dam. 1: H318 - Causes serious eye damage.          Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.          STOT SE 3: H335 - May cause respiratory irritation.          Acute Tox. 4: H312 - Harmful in contact with skin.          Acute Tox. 4: H332 - Harmful if inhaled.</p>
<b>Maximum content of VOC</b>	18 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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