



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Crankalicious Carboniferous

Revision 0

Revision date 2016-09-08

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

1.1. Product identifier

| | |
|--------------|-----------------------------|
| Product name | Crankalicious Carboniferous |
|--------------|-----------------------------|

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; |
|-------------|---|

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 | R10 |
| Main hazards | Symbols: Flammable. |
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Eye Irrit. 2: H319; |

2.2. Label elements

| | |
|-------------------|---|
| Hazard pictograms |   |
| Signal Word | Warning |
| Hazard Statement | Flam. Liq. 3: H226 - Flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. |

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2.2. Label elements

| | |
|--|--|
| Precautionary Statement: Prevention | 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. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish. |
| Precautionary Statement: Storage | P403+P235 - Store in a well-ventilated place. Keep cool. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to hazardous waste. |

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. |
|---------------------------------|--------------|----------|-----------|---------------------------|--------------|--------------------------|-----------|
| Isopropanol | 603-117-00-0 | 67-63-0 | 200-661-7 | | 10 - 20% | F; R11 Xi; R36 R67 | |
| Ethylene glycol monobutyl ether | 603-014-00-0 | 111-76-2 | 203-905-0 | | 1 - 10% | 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. |
|---------------------------------|--------------|----------|-----------|---------------------------|--------------|--|-----------|
| Isopropanol | 603-117-00-0 | 67-63-0 | 200-661-7 | | 10 - 20% | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; | |
| Ethylene glycol monobutyl ether | 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. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

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

| | |
|---------------------|--|
| Inhalation | May cause drowsiness or dizziness. In severe cases, may cause loss of consciousness. Seek medical attention if irritation or symptoms persist. |
| Eye contact | Causes serious eye irritation. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Irritating to skin. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. |

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

| | |
|-------------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). |
|-------------------|--|

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

| | |
|-----------|---|
| Ingestion | If swallowed, seek medical advice immediately and show this container or label. |
|-----------|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|----------------|
| | Carbon oxides. |
|--|----------------|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Self-contained breathing apparatus. Wear protective clothing. |
|--|---|

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. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

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. |
|--|---|

6.4. Reference to other sections

| | |
|--|-------|
| | None. |
|--|-------|

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. |
|--|--|

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. |
|--|--|

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 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: |
| | WEL 8-hr limit ppm: 400 | WEL 8-hr limit mg/m3: 999 |
| Isopropanol | WEL 15 min limit ppm: 500 | WEL 15 min limit mg/m3: 1250 |
| | 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: |

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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. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------|--------------------------------------|
| Appearance | Liquid |
| Colour | Pink |
| Odour | Perfumes/Alcoholic |
| Freezing Point | -5 °C |
| Flash point | 35 °C (ASTM D-93) |
| Relative density | 0.968 (H ₂ O = 1 @ 20 °C) |
| Autoignition temperature | > 350 °C |
| Viscosity | 8 sec. 3 mm (ISO 2431) |
| Solubility | Miscible in water |

9.2. Other information

| | |
|----------------------------------|---------|
| VOC (Volatile organic compounds) | 120 g/l |
|----------------------------------|---------|

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--|-------------------|
| | Oxidising agents. |
|--|-------------------|

10.4. Conditions to avoid

| | |
|--|-------------------------------|
| | Heat, sparks and open flames. |
|--|-------------------------------|

10.5. Incompatible materials

| | |
|--|--|
| | Amines. Strong bases. Strong oxidising agents. |
|--|--|

10.6. Hazardous decomposition products

| | |
|--|---|
| | Will not decompose if stored and used as recommended. Burning produces irritating, toxic and obnoxious fumes. Carbon dioxide (CO ₂). Carbon oxides. |
|--|---|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|----------------|--|
| Acute toxicity | Hazardous ingredients. |
| | Harmful if swallowed. |
| | Repeated or prolonged exposure may cause dermatitis. |

11.1.4. Toxicological Information

| | | |
|---------------------------------|----------------------------------|--------------------------------|
| 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

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12.1. Toxicity

| | | |
|---------------------------------|--|---|
| 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 |

12.2. Persistence and degradability

| | |
|--|------------------------|
| | Readily biodegradable. |
|--|------------------------|

12.3. Bioaccumulative potential

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|------------------|
| | PBT no. vPvB no. |
|--|------------------|

12.6. Other adverse effects

| | |
|--|-----------------|
| | Not determined. |
|--|-----------------|

SECTION 13: Disposal considerations

General information

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

Disposal methods

| | |
|--|---------------------------|
| | 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

| | |
|--|--------|
| | UN1993 |
|--|--------|

14.2. UN proper shipping name

| | |
|--|--|
| | FLAMMABLE LIQUID, N.O.S. (Isopropanol) |
|--|--|

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 | III |
|---------------|-----|

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

14.6. Special precautions for user

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14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

ADR/RID

| | |
|-----------------|-------|
| Hazard ID | 30 |
| Tunnel Category | (D/E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-E S-E |
|----------|---------|

IATA

| | |
|---------------------------------|-------|
| Packing Instruction (Cargo) | 366 |
| Maximum quantity | 220 L |
| Packing Instruction (Passenger) | 355 |
| Maximum quantity | 60 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. |
|-------------|---|

15.2. Chemical safety assessment

No data available.

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. R67 - Vapours may cause drowsiness and dizziness. |
| Text of Hazard Statements in Section 3 | Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H332 - Harmful if inhaled. |
| Maximum content of VOC | 120 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. |
|--|--|