

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/8

## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

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

#### 1.1. Product identifier

Product name	Supernatural Ferro Lube
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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 812687
Email	factory@dodojuice.com
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

2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Eye Irrit. 2: H319;
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#### 2.2. Label elements

Hazard pictograms	
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## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation.
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. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
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

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Alcohol ethoxylate with 6.5MEO		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
Sodium thioglycolate		367-51-1	206-696-4		1 - 10%	Met. Corr. 1: H290; Acute Tox. 3: H301; Acute Tox. 4: H312; Skin Sens. 1: H317;
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8		1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
sodium xylene sulphonate		1300-72-7	215-090-9		1 - 10%	Eye Irrit. 2: H319;
Ethanol	603-002-00-5	64-17-5	200-578-6		0 - 0.5%	Flam. Liq. 2: H225;
Methanol	603-001-00-X	67-56-1	200-659-6		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Remove the affected person from the source of contamination immediately. If unconscious and breathing is OK, place in the recovery position.
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, rinse mouth with water (only if the person is conscious). Get immediate medical advice/attention.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	May cause an allergic skin reaction.
Ingestion	Harmful if swallowed.

## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

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

Ingestion	Immediate medical attention is required.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical. 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. 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)**

	Avoid contact with eyes. Wear suitable gloves. Do not breathe gas/fumes/vapour/spray. Do not eat, drink or smoke in areas where this product is used or stored.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**


## Supernatural Ferro Lube

Revision 0  
Revision date 2020-10-07

## 8.1.1. Exposure Limit Values

Ethanol	WEL 8-hr limit ppm: 1000 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: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 266 WEL 15 min limit mg/m3: 333 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Potassium hydroxide	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: - WEL 15 min limit mg/m3: 2 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Sodium hydroxide	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: - WEL 15 min limit mg/m3: 2 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.
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

## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Pungent
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	6 sec. 3 mm (ISO 2431)
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	1.038 (H <sub>2</sub> O = 1 @ 20 °C)
<b>Odour threshold</b>	No data available
<b>pH</b>	7 - 8
<b>Melting point</b>	Not applicable.
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	Not applicable.
<b>Solubility</b>	Miscible in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	0 %
<b>Lead content</b>	0 %
<b>VOC (Volatile organic compounds)</b>	< 1 g/l

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

Stable under normal conditions.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data is available on this product.

## 10.4. Conditions to avoid

Keep away from heat.

## 10.5. Incompatible materials

Oxidising agents.

## 10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended. Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Acute toxicity</b>	No data is available on this product.
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## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

## 11.1. Information on toxicological effects

Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	No data is available on this product.

## 11.1.4. Toxicological Information

Alcohol ethoxylate with 6.5MEO	Oral Rat LD50: >200<2000mg/kg
Ethanol	Oral Rat LD50: 7060mg/l Inhalation Rat LC50/4 h: 20000mg/l
Sodium C14-C16 olefin sulphonate	Oral Rat LD50: >2000mg/kg Dermal Rabbit LD50: 6300-13500mg/kg
Sodium thioglycolate	Dermal Rat LD50: 1-2mg/kg Oral Rat LD50: 50-200mg/kg
sodium xylene sulphonate	Oral Rat LD50: 7200mg/kg Dermal Rabbit LD50: 2000mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

Alcohol ethoxylate with 6.5MEO	Fish LC50/96h: 10.0000 mg/l
Sodium C14-C16 olefin sulphonate	Daphnia EC50/48h: 4.5300 mg/l Algae IC50/72h: 5.2000 mg/l Fish LC50/96h: 4.2000 mg/l
Sodium thioglycolate	Daphnia EC50/48h: 38.0000 mg/l Rainbow trout LC50/96h: >100mg/l Algae EC50/72h: 13mg/l Golden orfe LC50/48h: 880mg/l
sodium xylene sulphonate	Daphnia EC50/48h: 1000.0000 mg/l Algae IC50/72h: 230.0000 mg/l Fish LC50/96h: 1000.0000 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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## Partition coefficient

	Supernatural Ferro Lube No data available
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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

	None.
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## Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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

	Dispose of in compliance with all local and national regulations.
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**SECTION 14: Transport information****14.1. UN number**

	The product is not classified as dangerous for carriage.
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**14.2. UN proper shipping name**

	The product is not classified as dangerous for carriage.
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**14.3. Transport hazard class(es)**

	The product is not classified as dangerous for carriage.
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**14.4. Packing group**

	The product is not classified as dangerous for carriage.
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**14.5. Environmental hazards**

	The product is not classified as dangerous for carriage.
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**14.6. Special precautions for user**

	The product is not classified as dangerous for carriage.
	Avoid contact with eyes and skin.

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

	The product is not classified as dangerous for carriage.
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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 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****Text of Hazard Statements in Section 3**

	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Met. Corr. 1: H290 - May be corrosive to metals. Acute Tox. 3: H301 - Toxic if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 3: H311 - Toxic in contact with skin. Acute Tox. 3: H331 - Toxic if inhaled. STOT SE 1: H370 - Causes damage to organs .
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# Supernatural Ferro Lube

Revision 0

Revision date 2020-10-07

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**Other information**

<b>Maximum content of VOC</b>	STOT SE 2: H371 - May cause damage to organs .
	1 g/l.

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**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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