



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Supernatural Hybrid Nano

Revision 0

Revision date 2015-03-31

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

#### 1.1. Product identifier

Product name	Supernatural Hybrid Nano
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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 - 67/548/EEC	Xi; R36 R66 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes. Repeated exposure may cause skin dryness or cracking.
2.1.2. Classification - EC 1272/2008	EUH066; Eye Irrit. 2: H319;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	EUH066 - Repeated exposure may cause skin dryness or cracking. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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.

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## 2.3. Other hazards

Other hazards None.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics			927-676-8		40 - 50%	
Dimethyl siloxane, 3-(2-aminoethyl)aminopropyldimethoxysiloxy-terminated		71750-80-6			1 - 10%	Xi; R36/38
Low boiling point naphtha solvent					1 - 10%	Xn; R65 R10
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			920-901-0		10 - 20%	Xn; R65 R66
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	F; R11 Xi; R36 R67
Organic polysilazane compound		475645-84-2			1 - 10%	F; R11 C; R34 Xn; R22 R52/53
Tetra(trimethylsiloxy) silane		3555-47-3	222-613-4		0 - 0.5%	R53
Cumene	601-024-00-X	98-82-8	202-704-5		0 - 0.5%	R10 Xn; R65 Xi; R37 N; R51/53
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9		0 - 0.5%	R10 Xn; R20 Xi; R36/37/38 N; R51/53

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics			927-676-8		40 - 50%	
Dimethyl siloxane, 3-(2-aminoethyl)aminopropyldimethoxysiloxy-terminated		71750-80-6			1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Low boiling point naphtha solvent					1 - 10%	Flam. Liq. 3: H226; Asp. Tox. 1: H304;
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			920-901-0		10 - 20%	EUH066; Asp. Tox. 1: H304;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Organic polysilazane compound		475645-84-2			1 - 10%	Flam. Liq. 2: H225; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Chronic 3: H412;
Tetra(trimethylsiloxy) silane		3555-47-3	222-613-4		0 - 0.5%	Aquatic Chronic 4: H413;
Cumene	601-024-00-X	98-82-8	202-704-5		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; Aquatic Chronic 2: H411;
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9		0 - 0.5%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;

## 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

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**4.1. Description of first aid measures**

Skin contact	attention. 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. Seek medical attention.

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

Inhalation	May cause irritation to mucous membranes.
Eye contact	Irritating to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

Eye contact	Seek medical attention.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions.
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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**

	Wear suitable respiratory equipment when necessary.
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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. Surfaces contaminated with the product will become slippery.
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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**

	Sweep up. Transfer to suitable, labelled containers for disposal.
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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. Store in correctly labelled containers.
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**7.3. Specific end use(s)**

	Avoid prolonged or repeated exposure. Wash hands after handling the product.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**

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## 8.1.1. Exposure Limit Values

1,2,4-Trimethylbenzene	DIR: 2000/39 8hTWA mg/m3: 100 STEL mg/m3: -	8hTWA ppm: 20 STEL ppm: - NOT: -
Cumene	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: 125 WEL 15 min limit mg/m3: 250
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	WEL 8-hr limit ppm: 171 WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 1200 WEL 15 min limit mg/m3:
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Avoid contact with eyes.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Paste
Colour	Cream
Odour	Perceptible
Viscosity	1000 sec. 3 mm (ISO 2431)
Melting point	75 °C
Relative density	0.846 (Water = 1 @ 20 °C)
Solubility	Insoluble in water

## 9.2. Other information

VOC (Volatile organic compounds)	533 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

	Stable under normal conditions.
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## 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition.
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## 10.5. Incompatible materials

	Materials to avoid. Acids. Bases. Oxidising agents.
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## 10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

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## 11.1. Information on toxicological effects

Acute toxicity	No Significant Hazard.
Repeated or prolonged exposure	May cause degreasing of the skin.

## 11.1.4. Toxicological Information

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Inhalation Rat LC50/8 h: >5000mg/kg Dermal Rabbit LD50: >5000mg/kg	Oral Rat LD50: >5000mg/kg
Isopropanol	Oral Rat LD50: 5500mg/kg	Dermal Rabbit LD50: >2000mg/kg
Organic polysilazane compound	Oral Mouse LD50: >300-2000mg/kg	Dermal Rabbit LD50: corrosive

## SECTION 12: Ecological information

## 12.1. Toxicity

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Daphnia EC50/48h: 1000 mg/l Fish LC50/96h: 1000 mg/l	Algae IC50/72h: 1000 mg/l
Isopropanol	Algae EC50/72h: >1000mg/l Bacteria EC10/18h: 5175mg/l	Daphnia LC50/24h: >1000mg/l Golden orfe LC50/48h: >100mg/l
Organic polysilazane compound	Brachydanio Rerio LC50/96h: 57.1mg/l	

## 12.2. Persistence and degradability

	Expected to be biodegradable.
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## 12.3. Bioaccumulative potential

	Not expected to bioaccumulate.
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## 12.4. Mobility in soil

	No data is available on this product.
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## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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## 12.6. Other adverse effects

	None.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal methods

	Can be incinerated if in compliance with local regulations.
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## SECTION 14: Transport information

## Further information

	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

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.
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## SECTION 16: Other information

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## Other information

<b>Text of risk phrases in Section 3</b>	<p>R10 - Flammable  R11 - Highly flammable.  R20 - Harmful by inhalation.  R22 - Harmful if swallowed.  R34 - Causes burns.  R36/37/38 - Irritating to eyes, respiratory system and skin.  R36/38 - Irritating to eyes and skin.  R36 - Irritating to eyes.  R37 - Irritating to respiratory system.  R51/53 - 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.  R53 - May cause long-term adverse effects in the aquatic environment.  R65 - Harmful: may cause lung damage if swallowed.  R66 - Repeated exposure may cause skin dryness or cracking.  R67 - Vapours may cause drowsiness and dizziness.</p>
<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.  Flam. Liq. 3: H226 - Flammable liquid and vapour.  Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  EUH066 - Repeated exposure may cause skin dryness or cracking.  Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  STOT SE 3: H336 - May cause drowsiness or dizziness.  Acute Tox. 4: H302 - Harmful if swallowed.  Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.  Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.  STOT SE 3: H335 - May cause respiratory irritation.  Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  Acute Tox. 4: H332 - Harmful if inhaled.</p>
<b>Maximum content of VOC</b>	533 g/l.
<b>Further information</b>	
	<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>