



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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FRESHNESS.

Revision 0

Revision date 2015-04-10

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

1.1. Product identifier

Product name FRESHNESS.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products);

Description DEODOURISER.

1.3. Details of the supplier of the safety data sheet

Company Spectrum Industrial Limited
Address 19/24 Bedesway
Bede Industrial Estate
Jarrow
Tyne & Wear
NE32 3EG
Web www.spectrumindustrial.co.uk
Telephone 0191 4301111
Fax 0191 4837422
Email sales@spectrum-ind.co.uk
Email address of the competent person sales@spectrum-ind.co.uk

1.4. Emergency telephone number

Emergency telephone number 0191 4301111
9.00 am - 5.00 pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Precautionary Statement: Prevention P102 - Keep out of reach of children.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352 - IF ON SKIN: Wash with plenty of soap and 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.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards This product does not contain any substances classified as PBT or vPvB.

Further information

Contains: Amyl cinnamic aldehyde. Cinnamic aldehyde. Coumarin. Citronellol. Limonene,.

SECTION 3: Composition/information on ingredients

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3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Limonene.		5989-27-5	227-813-5		0 - 0.5%	Xi; R38-43 N; R50/53
Coumarin		91-64-5	202-086-7		0 - 0.5%	Xn; R33-48/22 Xi; R43
Amyl cinnamic aldehyde		122-40-7	204-541-5		0 - 0.5%	Xi; R43 N; R51/53
Citronellol		106-22-9	203-375-0		0 - 0.5%	Xi; R38-43 N; R51/53
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	1 - 10%	F; R11 Xi; R36 R67
C13-15 Alcohol Ethoxylate 7EO		68131-39-5			1 - 10%	Xn; R22 Xi; R41 N; R50
Cinnamic aldehyde		104-55-2	203-213-9		0 - 0.5%	Xn; R21 Xi; R38-43
Isopentyl acetate (Isopentylacetate)	607-130-00-2	123-92-2	204-662-3		0 - 0.5%	R10 R66

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Limonene.		5989-27-5	227-813-5		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
Coumarin		91-64-5	202-086-7		0 - 0.5%	Skin Sens. 1: H317; STOT RE 2: H373;
Amyl cinnamic aldehyde		122-40-7	204-541-5		0 - 0.5%	Skin Sens. 1: H317; Aquatic Chronic 2: H411;
Citronellol		106-22-9	203-375-0		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
C13-15 Alcohol Ethoxylate 7EO		68131-39-5			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400;
Cinnamic aldehyde		104-55-2	203-213-9		0 - 0.5%	Acute Tox. 4: H312; Skin Irrit. 2: H315; Skin Sens. 1: H317;
Isopentyl acetate (Isopentylacetate)	607-130-00-2	123-92-2	204-662-3		0 - 0.5%	Flam. Liq. 3: H226;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to mucous membranes.
Eye contact	May cause irritation 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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.

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

Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working 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

For personal protection see section 8. Collect and dispose of spillage as indicated in section 13.

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. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2.

Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

WEL = Work place exposure limit.

8.1.1. Exposure Limit Values

Isopentyl acetate (Isopentylacetate)	DIR: 2000/39	8hTWA ppm: 50
	8hTWA mg/m ³ : 270	STEL ppm: 100
	STEL mg/m ³ : 540	NOT: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m ³ : 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m ³ : 1250

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

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8.2. Exposure controls

8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: 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

State	Liquid
Colour	Off white
Odour	Characteristic
Flash point	Not applicable.
Relative density	0.99 - 1.01 (Water = 1 @ 20 °C)
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.1. Reactivity

	Not determined.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No relevant data is available on this product.
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10.4. Conditions to avoid

	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

	No relevant data is available on this product.
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10.6. Hazardous decomposition products

	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

C13-15 Alcohol Ethoxylate 7EO	Oral Rat LD50: 2000 mg/kg	
Isopropanol	Oral Rat LD50: 5,000 mg/kg	Dermal Rabbit LD50: 5,000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

C13-15 Alcohol Ethoxylate 7EO	Daphnia EC50/48h: 1.0000 mg/l	Fish LC50/96h: 10.0000 mg/l
Isopropanol	Daphnia EC50/48h: 100.0000 mg/l	Fish LC50/96h: 100.0000 mg/l
	Algae EC50/72h: 100	

12.2. Persistence and degradability

	The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
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12.3. Bioaccumulative potential

	The product does not contain any substances expected to be bioaccumulating.
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12.4. Mobility in soil

	Miscible in water.
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12.5. Results of PBT and vPvB assessment

	This product does not contain any substances classified as PBT or vPvB.
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Further information

Ecotoxicity	Not regarded as dangerous for the environment.
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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 of packaging

	Can be recycled if in compliance with. Local and national 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	Safety Data Sheet prepared in accordance with REACH commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC classification, packaging & labelling of dangerous substances & GHS/CLP - Regulations (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
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15.2. Chemical safety assessment

	No chemical safety assesment has been carried out as not applicable as this product is a mixture.
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SECTION 16: Other information**Other information**

	The Risk Phrases/Hazard statements listed below in this section No 16 relate to the Raw Materials (ingredients) in the Product (as listen in section 3) and NOT the product intself. For the Risk Phrases/Hazard Statements relating to this Product see Section 2.
Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R21 - Harmful in contact with skin. R22 - Harmful if swallowed. R33 - Danger of cumulative effects. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50 - Very toxic to aquatic organisms. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
Text of Hazard Statements in Section 3	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

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Other information

Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.
Acute Tox. 4: H302 - Harmful if swallowed.
Eye Dam. 1: H318 - Causes serious eye damage.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Acute Tox. 4: H312 - Harmful in contact with skin.
EUH066 - Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3: H226 - Flammable liquid and vapour.

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.