



Superfine Manufacturing Limited

Limited Qty

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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CLEARWINNER PUREBURN

Revision 0
Revision date 2013-10-17

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

1.1. Product Identifier

Product name	CLEARWINNER PUREBURN
Product code	QAFS710

1.3. Details of the supplier of the safety data sheet

Company	Superfine Manufacturing Ltd
Address	Orchardbank Industrial Estate Forfar Angus Scotland DD8 1TD
Telephone	Tel: 01307 463538
Fax	Fax: 01307 468505
Email	nigel@superfine.co.uk

Local Supplier

Company	Superfine Manufacturing Ltd
Address	Orchardbank Ind. Est. Forfar Angus DD8 1TD Scotland
Web	www.superfine.co.uk
Telephone	01307 463538
Fax	01307 468505
Email	sales@superfine.co.uk
Email address of the competent person	nigel@superfine.co.uk

1.4. Emergency telephone number

Emergency telephone number	01307 463538
Company	Superfine Manufacturing Ltd. 8.30am to 17.00pm National Chemical Emergency Centre Tel: +44 (0) 8701906777

SECTION 2: Hazards identification

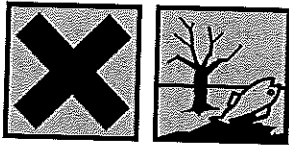
2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xn; R20/21/22-40-65 Xi; R36/38 N; R51/53 R10-66 Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards	Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. Limited evidence of a carcinogenic effect. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

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2.2. Label elements

Symbols	Xn: Harmful. N: Dangerous for the environment. 
Risk phrases	R10 - Flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36/38 - Irritating to eyes and skin. R40 - Limited evidence of a carcinogenic effect. R51/53 - Toxic to aquatic organisms, 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.
Safety phrases	S29 - Do not empty into drains. S36/37 - Wear suitable protective clothing and gloves. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

Other hazards	No data available.
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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
Hydrocarbons, C10, aromatics, >1% naphthalene.		64742-94-5	919-284-0		20 - 30%	Xn; R40-65 N; R51/53 R66-67
o-xylene	601-022-00-9	95-47-6	202-422-2		1 - 10%	R10 Xn; R20/21 Xi; R38
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		20 - 30%	Xn; R20/21/22 Xi; R36/38
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	20 - 30%	F; R11 Xi; R36 R67
dimethylcyclohexylamine		98-94-2	202-715-5		0.5 - 1%	C; R34 Xn; R20/21/22 N; R51/53 R10
Hydrocarbons, C10-13, aromatics, >1% naphthalene		64742-94-5	926-273-4		1 - 10%	Xn; R40-65 N; R51/53 R66
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics		64742-47-8	926-141-6		1 - 10%	Xn; R65 R66
N,N-Disalicylidene-1,2-propanedia mine	94-91-7		202-374-2		0 - 0.5%	Xn; R22 Xi; R36/38-43 R52/53
Solvent Naphtha (petrolrum), Heavy arom.	64742-94-5		265-198-5		0.5 - 1%	Xn; R65 Xi; R37/38 N; R51/53
Tetraethylenepentamine linear, cyclic and branched	90640-66-7		292-587-7		0 - 0.5%	C; R34 Xn; R21/22 Xi; R43 N; R51/53
Naphtha Inno light	64742-95-6		265-199-0		0 - 0.5%	Xn; R65 N; R51/53 R10-66
4-nonylphenol, branched	601-053-00-8	84852-15-3	284-325-5		0 - 0.5%	Repr. Cat. 3; R62-63 Xn; R22 C; R34 N; R50/53
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified	649-424-00-3	64742-94-5	265-198-5		0 - 0.5%	Xn; R65
naphthalene (Naphthalene)	601-052-00-2	91-20-3	202-049-5		0 - 0.5%	Carc. Cat. 3; R40 Xn; R22 N; R50/53

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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Inhalation	If breathed in, move person into fresh air. If symptoms persist, call a physician. Keep the affected person warm and at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Eye contact	Protect unharmed eye. If easy to do, remove contact lens, if worn. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	In case of contact, immediately flush skin with soap and plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious). If unconscious and breathing is OK, place in the recovery position.

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

Inhalation	No Data Available.
Eye contact	No Data Available.
Skin contact	No Data Available.
Ingestion	No Data Available.

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

	No Data Available.
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General information

	If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off immediately all contaminated clothing. Wash all contaminated clothing before reuse.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions. Water spray or alcohol resistant foam. Alcohol resistant foam. Dry chemical. Carbon dioxide (CO2).
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5.2. Special hazards arising from the substance or mixture

	Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products may be formed under fire conditions. Burning produces irritating, toxic and obnoxious fumes. Exposure to decomposition products may be a hazard to health.
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5.3. Advice for firefighters

	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
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Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	See section 7, 8 for further information. Wear personal protective equipment listed in section 8. Avoid contact with skin and eyes. Ensure adequate ventilation of the working area. Avoid inhalation of vapour or spray/mist.
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6.2. Environmental precautions

	Do not flush large volumes / spillages into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.
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6.3. Methods and material for containment and cleaning up

	For large spills: Soak up with inert absorbent material (e.g. sand silica gel, acid binder, universal
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6.3. Methods and material for containment and cleaning up

binder, saw dust). Keep in suitable closed containers for disposal. Clean contaminated surface thoroughly. Transfer to suitable, labelled container. Keep in suitable, closed containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills: Flush down the drain with plenty of water. Clean contaminated surfaces thoroughly.

6.4. Reference to other sections

See chapter: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear suitable protective equipment. For personal protection see section 8. Avoid contact with eyes and skin. Do not breathe vapours or spray mist.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Store in correctly labelled containers. Store in original container protected from direct sunlight in a dry, cool and well ventilated area. Keep containers tightly closed. Keep in an area with alkali resistant flooring. Protect from frost, heat and sunlight. Incompatible with acids. Keep away from food, drink and animal feedingstuffs.

Suitable packaging

Plastic containers.

Suitable packaging

Plastic containers.

Further information

No data available.

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: -
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
naphthalene (Naphthalene)	DIR: 91/322	8hTWA ppm: 10
	8hTWA mg/m3: 50	STEL ppm: -
	STEL mg/m3: -	NOT: -
o-xylene	DIR: 2000/39	8hTWA ppm: 50
	8hTWA mg/m3: 221	STEL ppm: 100
	STEL mg/m3: 442	NOT: Skin

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Avoid inhalation of vapour or spray/mist. Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse. When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse.

8.2.2. Individual protection measures

Use appropriate personal protective equipment. Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Adopt best Manual Handling considerations when handling,

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8.2. Exposure controls

	carrying and dispensing.
Eye / face protection	Avoid contact with eyes. Provide eye wash station. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves.
Skin protection - Other	Wear suitable protective clothing. Emergency safety showers should be available in the immediate vicinity of any potential exposure.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment. RESPIRATORY PROTECTION: Provide good ventilation in process areas to prevent formation of vapour. Where excessive vapour may result, wear approved mask.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Amber
Odour	Characteristic/Aromatic
pH	Not applicable.
Melting point	Not applicable.
Boiling point	No data available
Flash point	33
Vapour Flammability	R10 FLAMMABLE
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour density	No data available
Partition coefficient	No data available
Decomposition temperature	No data available
Viscosity	< 100
Vapour pressure	No data available
Partition coefficient (n-octanol/water)	No data available
Explosive	No data available
Solubility	Slightly miscible in water

9.2. Other Information

Conductivity	No data available
Surface tension	No data available
Specific gravity	0.87 - 0.93
Softening point	Not applicable.
Pour point	No data available
Sublimation Point	No data available
VOC (Volatile organic compounds)	No data available
Bulk Density	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

	No Data Available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Strong oxidising agents. Strong acids.
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10.4. Conditions to avoid

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10.4. Conditions to avoid

Keep away from heat. Store away from direct sunlight.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system.

Skin corrosion/irritation

May cause irritation to skin.

Repeated or prolonged exposure

Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

11.1.4. Toxicological Information

ASPIRATION HAZARD- Do not breath vapour or spray,- May cause lung damage if material gets into the lungs after accidental swallowing or vomiting of ingested material. Toxicity following a single exposure to high levels (oral, dermal, inhalation) is of a very low order. Prolonged contact or repeated contact may cause drying of the skin and possibly dermatitis. Prolonged inhalation of mists may cause lung inflammation. Contact with eyes will cause irritation with short term redness and stinging.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on this product.

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

No observed effect concentration.

12.5. Results of PBT and vPvB assessment

Caution - substance not yet fully tested.

SECTION 13: Disposal considerations

General Information

Dispose of as special waste in compliance with local and national regulations.

Disposal methods

Dispose of this material and its container to hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements. Do not allow product to enter drains.

Disposal of packaging

Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

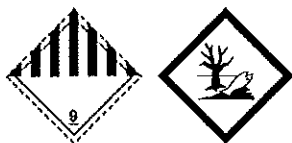
SECTION 14: Transport information

Hazard pictograms

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Hazard pictograms



14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha (petroleum), heavy arom.)

14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code F-A S-F

IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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. 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.

SECTION 16: Other information

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Other information

Text of risk phrases in Section 3	<p>R10 - Flammable R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R20/21 - Harmful by inhalation and in contact with skin. R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R37/38 - Irritating to respiratory system and skin. R38 - Irritating to skin. R40 - Limited evidence of a carcinogenic effect. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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. R62 - Possible risk of impaired fertility. R63 - Possible risk of harm to the unborn child. 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>
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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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