

Product FLEETWOOD ULTRA TOUGH OXIDE - RED
 Revision date 25 June 2019
 Revision 1



Safety Data Sheet (SDS)
 according to Regulation (EC) No. 1907/2006

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name FLEETWOOD ULTRA TOUGH OXIDE - RED
Synonyms, Trade names No information available.

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

Identified uses Paint or paint related material.
Uses advised against No uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Supplier FSW Coatings Ltd
 Virginia
 Co Cavan
 Ireland
 Tel: 353 49854 7209
Contact person info@fsw.ie

1.4 Emergency telephone number

Emergency telephone + 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Flam. Liq 3- H226
 Human health STOT SE 3 - H336
 Environment Not classified

2.2 Label elements

Contains Not applicable

Label in accordance with (EC) no. 1272/2008



Signal word Danger

Hazard statements H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.

Precautionary statements

Prevention

P233 Keep container tightly closed.
 P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.
 P271 Use only outdoors or in a well-ventilated area.

Response

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients**3.1 Substance**

Not applicable.

3.2 Mixtures

Name	Product identifier	Reg. EU 1272/2008	%
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: EC No.: 919-857-5 REACH Reg No.: 01-2119463258-33-XXXX	Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336	30-60%
Limestone	CAS-No.: 1317-65-3 EC No.: 215-279-6		10-30%
diiron trioxide	CAS-No.: 1309-37-1 EC No.: 215-168-2 REACH Reg No.: 01-2119457614-35-XXXX		1-10%
2-butanone oxime ethyl methyl ketoxime ethyl methyl ketone oxime	CAS-No.: 96-29-7 EC No.: 202-496-6	Acute Tox 4 - H312, Skin. Sens 1 - H317, Eye Dam. 1 - H318, Carc. 2 - H351	0-1%
naphtha (petroleum) Hydrotreated Heavy	CAS-No.: 64742-48-9 EC No.: 265-150-3 REACH Reg No.: 01-2119463258-33	Flam. Liq 3- H226, STOT SE 3 - H336, Asp. Tox - H304	0-1%
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: EC No.: 918-481-9 REACH Reg No.: 01-2119457273-39-XXXX	Asp. Tox - H304	0-1%
2-ethylhexanoic acid, zirconium salt	CAS-No.: 22464-99-9 EC No.: 245-018-1	Repr. 2 - H361d	0-1%
cobalt bis(2-ethylhexanoate)	CAS-No.: 136-52-7 EC No.: 205-250-6 REACH Reg No.: 01-2119524678-29-XXXX	Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412, Eye Irrit.2A - H319, Repr. 2 - H361, Skin. Sens 1 A- H317	0-1%
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: EC No.: 927-632-8 REACH Reg No.: 01-2119457736-27-XXXX	Asp. Tox - H304	0-1%
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-48-9 EC No.: 919-857-5 REACH Reg No.: 01-2119463258-33-xxxx	STOT SE 3 - H336, Asp. Tox - H304, Flam. Liq 3- H226	0-1%
calcium carbonate	CAS-No.: 471-34-1 EC No.: 207-439-9 REACH Reg No.: 01-2119486795-18-XXXX		0-1%
naphtha (petroleum)	CAS-No.: 64741-65-7 EC No.: 265-067-2 REACH Reg No.: 01- 2119471991-29	Asp. Tox - H304, Flam. Liq 3- H226, Aquatic Chronic 2 - H411	0-1%
nonane	CAS-No.: 111-84-2 EC No.: 203-913-4 REACH Reg No.: 01-2119463259-31-XXXX	Aquatic Chronic 1 - H410, Skin Irrit.2 - H315, Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336	0-1%
butanone oxime	CAS-No.: 96-29-7 EC No.: 202-496-6 REACH Reg No.: 01-2119539477-28-XXXX	Acute Tox 4 - H312, Eye Dam. 1 - H318, Skin. Sens 1 - H317, Carc. 2 - H351	0-1%
propionic acid	CAS-No.: 79-09-4 EC No.: 201-176-3 REACH Reg No.: 01-2119486971-24-XXXX	Skin Corr. 1B - H314	0-1%

octane	CAS-No.: 111-65-9 EC No.: 203-892-1 REACH Reg No.: 01-2119463939-19-XXXX	Aquatic Chronic 1 - H410, Skin Irrit.2 - H315, Asp. Tox - H304, Flam. Liq 2- H225, STOT SE 3 - H336	0-1%
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The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

Section 4: First aid measures**4.1 Description of first aid measures**

General information	General first aid, rest, warmth and fresh air.
Inhalation	Remove the affected person to fresh air, obtain medical attention if symptoms persist.
Ingestion	Rinse mouth thoroughly. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination Remove contaminated clothes and rinse skin thoroughly with water. Wash skin with soap and water Get medical attention if symptoms persist.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Rinse with a gentle stream water for at least 15 minutes. Get prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
Inhalation	May cause drowsiness or dizziness.
Ingestion	No specific symptoms noted.
Skin contact	No specific symptoms noted.
Eye contact	No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician	Treat symptomatically.
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Section 5: Fire-fighting measures**5.1 Extinguishing media**

Extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	None noted.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	When heated, toxic and corrosive vapours/gases may be formed
Unusual fire & explosion hazards	No unusual fire or explosion hazards noted.
Specific hazards	If heated, harmful vapours may be formed.

5.3 Advice for firefighters

Special fire fighting procedures	Avoid breathing fire vapours. Keep up-wind to avoid fumes. Fight advanced or massive fires from safe distance or protected location. Do not scatter spilled material with more water than needed to fight the fire Do not get water inside container
Protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition. Make safe all sources of ignition. Avoid contact with skin and eyes.
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For emergency responders

Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions**Environmental precautions**

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up**Spill clean up methods**

Stop leak if possible without risk. Wear necessary protective equipment. Absorb spillage with non-combustible, absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections**Reference to other sections**

See section 1 for emergency contact. For personal protection, see section 8 For waste disposal, see section 13.

Section 7: Handling and storage**7.1 Precautions for safe handling****Handling**

Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Avoid spilling, skin and eye contact. Do not use contact lenses. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Ensure adequate ventilation. Vapours are heavier than air and may spread along floors. Do not eat, drink or smoke when using the product.

7.2 Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep upright. Keep locked up and out of reach of children. Avoid storing for very long periods. Keep container tightly sealed when not in use.

Storage class

No information available.

7.3 Specific end use(s)**Specific end use(s)
Usage description**

The identified uses for this product are detailed in Section 1.
Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection**8.1 Control parameters**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
Limestone	OEL		10 mg/m ³			
Limestone	OEL		4 mg/m ³			
Limestone	OEL					
Limestone	OEL		4 mg/m ³			
diiron trioxide	OEL		5 mg/m ³		10 mg/m ³	
diiron trioxide	OEL		10 mg/m ³			
diiron trioxide	OEL		4 mg/m ³			
2-butanone oxime ethyl methyl ketoxime ethyl methyl ketone oxime	OEL	3 ppm	10 mg/m ³	10 ppm	33 mg/m ³	
nonane	OEL	200 ppm	1050 mg/m ³			
butanone oxime	OEL	3 ppm	10 mg/m ³	10 ppm	33 mg/m ³	
propionic acid	OEL	10 ppm	31 mg/m ³	20 ppm	62 mg/m ³	
octane	OEL	300 ppm	1450 mg/m ³			

Ingredient comments

Ireland, Occupational Exposure Limits 2018.

8.2 Exposure Controls

Protective equipment



Engineering measures	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
Respiratory equipment	Use type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
Hand protection	Use suitable protective gloves if there is a risk of skin contact. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Change gloves regularly.
Eye protection	Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
Other protection	No information available.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
Process conditions	Keep container tightly sealed when not in use.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Various.
Odour	Hydrocarbon, (slight).
Odour threshold - lower	No information available as testing has not been completed.
Odour threshold - upper	No information available as testing has not been completed.
pH-Value, Conc. Solution	No information available as testing has not been completed.
pH-Value, Diluted solution	No information available as testing has not been completed.
Melting point	May start to solidify at the following temperature: -15°C This is based on data for the following ingredient: Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, < 2% aromatics. Weighted average: -58.56°C
Initial boiling point and boiling range	>142°C
Flash point	Closed cup 42C
Evaporation rate	Highest known value: 0.04 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics) Weighted average: 0.03 compared with butyl acetate
Flammability state	Liquid
Flammability limit - lower(%)	Greatest known range: Lower: 0.6% Upper: 7% (Hydrocarbons, C10-C13, nalkanes, isoalkanes, cyclics, < 2% aromatics)
Flammability limit - upper(%)	Greatest known range: Lower: 0.6% Upper: 7% (Hydrocarbons, C10-C13, nalkanes, isoalkanes, cyclics, < 2% aromatics)
Vapour pressure	Highest known value: 0.1 to 0.3 kPa (0.8 to 2.3 mm Hg) (at 20°C) (Naphtha(petroleum), hydrotreated heavy). Weighted average: 0.16 kPa (1.2 mm Hg) (at 20°C)
Vapour density (air=1)	Highest known value: 4.5 (Air = 1) (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <

	2% aromatics).
Relative density	No information available as testing has not been completed.
Bulk density	No information available as testing has not been completed.
Solubility	Insoluble in cold water
Decomposition temperature	Stable under normal handling and storage conditions.
Partition coefficient; n-Octanol/Water	No information available.
Auto ignition temperature (°C)	Lowest known value: >230°C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics).
Viscosity	Kinematic (40°C): >0.22 cm ² /s
Explosive properties	Not classified as explosive.
Oxidising properties	The product does not meet the criteria to be classified as oxidising.

9.2 Other information

Molecular weight	No information available.
Volatile organic compound	No information available.
Other information	None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity	No specific reactivity hazards associated with this product.
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10.2 Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3 Possibility of hazardous reactions

Hazardous reactions	For information on hazardous reaction see section 10.1.
Hazardous polymerisation	Unknown.
Polymerisation description	Unknown.

10.4 Conditions to Avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
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10.5 Incompatible materials

Materials to avoid	Do not mix with other chemicals unless listed on directions.
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10.6 Hazardous decomposition products

Hazardous decomposition products	None under normal conditions.
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Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50)	No information available.
Acute toxicity (Dermal LD50)	No information available.
Acute toxicity (Inhalation LD50)	No information available.

Serious eye damage/irritation	Product is not classified as an eye irritant.
Skin corrosion/irritation	No information available.
Respiratory sensitisation	No information available.
Skin sensitisation	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Specific target organ toxicity - Single exposure:	
STOT - Single exposure	No information available.
Specific target organ toxicity - Repeated exposure:	
STOT - Repeated exposure	No information available.
Inhalation	May cause drowsiness or dizziness.
Ingestion	No specific symptoms noted.
Skin contact	No specific symptoms noted.
Eye contact	No specific symptoms noted.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	No information available.
Target organs	No target organs specified.
Aspiration hazards:	No information available.
Reproductive toxicity:	No information available.

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	No information available.
Acute toxicity - Aquatic invertebrates	No information available.
Acute toxicity - Aquatic plants	No information available.
Acute toxicity - Microorganisms	No information available.
Chronic toxicity - Fish	No information available.
Chronic toxicity - Aquatic invertebrates	No information available.
Chronic toxicity - Aquatic plants	No information available.
Chronic toxicity - Microorganisms	No information available.
Ecotoxicity	No Ecological information on the finished product.
Eco toxicological information	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available.
Chemical oxygen demand	No information available.

12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available.
Partition coefficient; n-Octanol/Water	No information available.

12.4 Mobility in soil

Mobility	No information available.
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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB Substances.
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12.6 Other adverse effects

Other adverse effects	None known.
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Section 13: Disposal considerations

Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
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13.1 Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations.
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Section 14: Transport information**14.1 UN number**

UN no. (ADR)	UN1263
UN no. (IMDG)	UN1263
UN no. (IATA)	UN1263

14.2 UN proper shipping name

ADR proper shipping name	PAINT or PAINT RELATED MATERIAL
IMDG proper shipping name	PAINT or PAINT RELATED MATERIAL
IATA proper shipping name	PAINT

14.3 Transport hazard class(es)

ADR class	3
IMDG class	3
IATA class	3

Transport labels**14.4 Packing group**

ADR/RID/ADN packing group	III
IMDG packing group	III
IATA packing group	III

14.5 Environmental hazards

ADR	No
IMDG	No
IATA	No

14.6 Special precautions for user

EMS	F-E, S-E
Emergency action code	A3 A72 A192
Hazard no. (ADR)	30
Tunnel restriction code	(D/E)

14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

EU legislation	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.
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Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Reach Regulation (EC) No 453/2010. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.

Approved code of practice 2018 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).

Chemical safety assessment No chemical safety assessment has been carried out.

Section 16: Other information

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
Revision comments	This is a first issue.
Revision date	25 June 2019
Revision	1
Safety data sheet status	Approved.

Hazard statements in full

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H351	Suspected of causing cancer .
EUH066	Repeated exposure may cause skin dryness or cracking.
H361	Suspected of damaging fertility or the unborn child .
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H315	Causes skin irritation.
H410	Very toxic to aquatic life with long lasting effects.
H314	Causes severe skin burns and eye damage.
H225	Highly flammable liquid and vapour.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.