



SAFETY DATA SHEET DEEP CLEAN MULTI F 5 X

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

1.1. Product identifier

Product name DEEP CLEAN MULTI F 5 X

Product number 14631

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

Identified uses Enzyme

1.3. Details of the supplier of the safety data sheet

Supplier Univar
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
sds@univar.com
+44 1274 267306

1.4. Emergency telephone number

Emergency Contact Number +44 1274 267346
(Office Hours)

Emergency Contact Number +441865 407333
(Outside Office Hours)

Sds No. 14631

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi; R41. R43

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements	H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Precautionary statements	P261 Avoid breathing vapour/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. 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. P310 Immediately call a POISON CENTER/doctor. P321 Specific treatment (see medical advice on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with national regulations.
Contains	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE, ISODECANOL ETHOXYLATE 6 - 8 EO, SODIUM DODECYLBENZENESULPHONATE, TURPENTINE, OIL, EUGENOL, 1,2-BENZISOTHIAZOL-3(2H)-ONE

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM DODECYLBENZENESULPHONATE		1-5%
CAS number: 25155-30-0 EC number: 246-680-4		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315	Xn;R22. Xi;R38,R41.	
Eye Dam. 1 - H318		
Acute Tox. 4 - H302		
ISODECANOL ETHOXYLATE 6 - 8 EO		1-5%
CAS number: 26183-52-8		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22. Xi;R41.	
Eye Dam. 1 - H318		
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE		1-5%
CAS number: 64-02-8 EC number: 200-573-9		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22 Xi;R41	
Acute Tox. 4 - H332		
Eye Dam. 1 - H318		

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2-BUTOXYETHANOL			1-5%
CAS number: 111-76-2	EC number: 203-905-0	REACH registration number: 01-2119475108-36	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		Classification (67/548/EEC or 1999/45/EC) Xn; R20/21/22. Xi; R36/38	

EUGENOL			<1%
CAS number: 97-53-0	EC number: 202-589-1		
Classification Eye Irrit. 2 - H319 Skin Sens. 1 - H317		Classification (67/548/EEC or 1999/45/EC) Xi; R36. R43	

TURPENTINE, OIL			<1%
CAS number: 8006-64-2	EC number: 232-350-7		
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411		Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53	

1,2-BENZISOTHIAZOL-3(2H)-ONE			<0.1%
CAS number: 2634-33-5	EC number: 220-120-9		
M factor (Acute) = 10			
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400		Classification (67/548/EEC or 1999/45/EC) Xn;R22 R43 Xi;R38,R41 N;R50	

The Full Text for all R-Phrases and 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

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

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Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause severe eye irritation.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Oxides of the following substances: Carbon. Nitrogen.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Follow precautions for safe handling described in this safety data sheet. Avoid contact with skin and eyes. Provide adequate ventilation.
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6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid contact with skin and eyes. Provide adequate ventilation.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep only in the original container. Keep container tightly closed. Store in closed original container at temperatures between 0°C and 40°C.
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7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

Sk

TURPENTINE, OIL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

Ingredient comments WEL = Workplace Exposure Limits

2-BUTOXYETHANOL (CAS: 111-76-2)

Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Industry - Dermal; Short term systemic effects: 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 652 mg/m ³ Industry - Dermal; Long term systemic effects: 75 mg/kg/day Industry - Inhalation; Long term systemic effects: 98 mg/m ³ Consumer - Dermal; Short term systemic effects: 44.5 mg/kg/day Consumer - Inhalation; Short term systemic effects: 426 mg/m ³ Consumer - Oral; Short term systemic effects: 13.4 mg/kg/day Consumer - Dermal; Long term systemic effects: 38 mg/kg/day Consumer - Oral; Long term systemic effects: 3.2 mg/kg/day
PNEC	- Fresh water; 8.8 mg/l - Marine water; 0.88 mg/l - Sediment (Freshwater); 34.6 mg/kg - Sediment (Marinewater); 3.46 mg/kg - Soil; 2.8 mg/kg - STP; 463 mg/l

ISODECANOL ETHOXYLATE 6 - 8 EO (CAS: 26183-52-8)

Ingredient comments No exposure limits known for ingredient(s).

TURPENTINE, OIL (CAS: 8006-64-2)

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



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Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Use protective gloves.
Other skin and body protection	Wear rubber footwear. Wear rubber apron.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Water-white.
Odour	Characteristic.
pH	pH (concentrated solution): 8.6 - 8.9
Relative density	1.015 - 1.020 @ @ 20°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined.
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10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
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10.5. Incompatible materials

Materials to avoid	Strong alkalis. Strong acids. Strong reducing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of the following substances: Carbon. Nitrogen.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	3,014.84
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Acute toxicity - dermal

ATE dermal (mg/kg)	22,448.98
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Acute toxicity - inhalation

ATE inhalation (gases ppm)	45,918.37
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ATE inhalation (vapours mg/l) 112.24

ATE inhalation (dusts/mists mg/l) 15.31

Inhalation	May cause respiratory system irritation.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	May cause sensitisation by skin contact.
Eye contact	Risk of serious damage to eyes.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

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14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to No information required.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	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) (as amended). 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 (as amended).
Guidance	CHIP for everyone HSG228. Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	14/05/2015
Revision	02
Supersedes date	01/09/2014
SDS number	14631
SDS status	Approved.
Signature	Jitendra Panchal

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Risk phrases in full

R10 Flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

TURKISH SIGNATURE