SAFETY DATA SHEET
Swarfega Powerwash Ultra Concentrate
According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

Product name Swarfega Powerwash Ultra Concentrate

Product number PUC25L, PUC84PNR, PUC1000L

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

Identified uses Detergent. For full details regarding recommended uses please refer to the product label.

1.3. Details of the supplier of the safety data sheet

Supplier

SC Johnson Professional Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
+44 (0) 1773 855100
info.prouk@scj.com

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)
National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Corr. 1C - H314 Eye Dam. 1 - H318 STOT RE 2 - H373

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.

Swarfega Powerwash Ultra Concentrate

Precautionary statements

P260 Do not breathe vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/ attention if you feel unwell.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE, REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE, C9-C11 ALCOHOL ETHOXYLATE (6MEO), SODIUM HYDROXIDE, 3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE

Detergent labelling

15 - < 30% EDTA and salts thereof, 5 - < 15% amphoteric surfactants, 5 - < 15% non-ionic surfactants, < 5% NTA (nitrilotriacetic acid) and salts thereof, Contains LIMONENE

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE **10-30%**

CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27-XXXX

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H332
Eye Dam. 1 - H318
STOT RE 2 - H373

REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE **1-10%**

CAS number: — EC number: 939-647-7 REACH registration number: 01-2119980672-29-0000

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318

C9-C11 ALCOHOL ETHOXYLATE (6MEO) **1-10%**

CAS number: 68439-46-3

Classification
Acute Tox. 4 - H302
Eye Dam. 1 - H318

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SODIUM HYDROXIDE		**1-10%**
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX

Classification
Met. Corr. 1 - H290
Skin Corr. 1A - H314
Eye Dam. 1 - H318

3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE		**1-10%**
CAS number: —	EC number: 939-581-9	REACH registration number: 01-2119978229-22-XXXX
M factor (Acute) = 1		

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

TRISODIUM NITRILOTRIACETATE		**<1%**
CAS number: 5064-31-3	EC number: 225-768-6	REACH registration number: 01-2119519239-36-XXXX

Classification
Acute Tox. 4 - H302
Eye Irrit. 2 - H319
Carc. 2 - H351

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

Inhalation This is unlikely to occur but symptoms similar to those of ingestion may develop.

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Ingestion	May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	May cause blurred vision and serious eye damage.

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

Notes for the doctor	No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	None known.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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.

6.2. Environmental precautions

Environmental precautions	Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Do not touch or walk into spilled material. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Storage class	Corrosive storage.

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

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SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit.

Ingredient comments EU = Indicative Values according to Commission Directive 91/322/EEC.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL
Consumer - Inhalation; Short term systemic effects: 1.5 mg/m³
Professional - Inhalation; Long term systemic effects: 2.5 mg/m³
Consumer - Inhalation; Long term local effects: 1.5 mg/m³
Professional - Inhalation; Short term systemic effects: 2.8 mg/m³
Professional - Inhalation; Short term local effects: 2.5 mg/m³
Professional - Inhalation; Short term systemic effects: 2.5 mg/m³
Professional - Inhalation; Long term local effects: 2.5 mg/m³
Consumer - Oral; Long term systemic effects: 28 mg/kg/day

PNEC
- STP; 43 mg/l
- Soil; 0.72 mg/kg
- marine water; 0.22 mg/l
- ; Intermittent release 1.2 mg/l
- Fresh water; 2.2 mg/l

REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE

DNEL
Professional - Dermal; Long term systemic effects: 5.3 mg/kg/day
Professional - Inhalation; Long term systemic effects: 3.8 mg/m³
Consumer - Dermal; Long term systemic effects: 2.7 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 0.9 mg/m³
Consumer - Oral; Long term systemic effects: 0.3 mg/kg/day

PNEC
- STP; 9.9 mg/l
- marine water; 0.0003 mg/l
- Soil; 0.0041 mg/kg
- Intermittent release; 0.042 mg/l
- Fresh water; 0.03 mg/l
- Sediment (Marinewater); 0.0108 mg/kg
- Sediment (Freshwater); 0.108 mg/kg

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL
Industry - Inhalation; Long term local effects: 1 mg/m³
Consumer - Inhalation; Long term local effects: 1 mg/m³

3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE

DNEL
Workers - Inhalation; Long term systemic effects: 3.52 mg/m³
Workers - Dermal; Long term systemic effects: 5 mg/kg/day
Workers - Dermal; Long term local effects: 0.27 %
General population - Inhalation; Long term systemic effects: 0.87 mg/m³
General population - Dermal; Long term systemic effects: 2.5 mg/kg/day
General population - Dermal; Long term local effects: 0.27 %
General population - Oral; Long term systemic effects: 0.25 mg/kg/day

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PNEC	- Fresh water; 30.3 µg/L - marine water; 3.04 µg/L - Intermittent release; 3.4 µg/L - STP; 9.7 mg/l - Sediment (Freshwater); 0.214 mg/kg - Sediment (Marinewater); 0.021 mg/kg - Soil; 0.025 µg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Good personal hygiene procedures should be implemented.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. Particulate filters should comply with European Standard EN143. Particulate filter, type P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Red.
Odour	Perfume.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.

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Vapour density	Not determined.
Relative density	1.158-1.178 @ 25C°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	None.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.

10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD_{50})	No information available.
ATE oral (mg/kg)	2,149.61

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.
ATE inhalation (dusts/mists mg/l)	21.4

Skin corrosion/irritation

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Animal data	Corrosive.

Serious eye damage/irritation

Serious eye damage/irritation	Corrosive to skin. Corrosivity to eyes is assumed. No testing is needed.

Respiratory sensitisation

Respiratory sensitisation	Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vivo	Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity	Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure	No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	No information available.

Aspiration hazard

Aspiration hazard	Based on available data the classification criteria are not met.

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	Causes burns.

Toxicological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,780.0
Species	Rat Rat
Notes (oral LD_{50})	LD50 > 1780 < 2000 mg/kg bw
ATE oral (mg/kg)	1,780.0

Acute toxicity - dermal

Species	Rat
Notes (dermal LD_{50})	
ATE dermal (mg/kg)	3,300.0

Acute toxicity - inhalation

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Notes (inhalation LC_{50})	LOAEC ca. 30 mg/m³ air
ATE inhalation (dusts/mists mg/l)	3.8

Skin corrosion/irritation

Animal data	Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation	Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	Conclusive data but not sufficient for classification.

Germ cell mutagenicity

Genotoxicity - in vitro	Conclusive data but not sufficient for classification.
Genotoxicity - in vivo	Conclusive data but not sufficient for classification.

Carcinogenicity

Carcinogenicity	Conclusive data but not sufficient for classification.

Reproductive toxicity

Reproductive toxicity - fertility	Conclusive data but not sufficient for classification.
Reproductive toxicity - development	Conclusive data but not sufficient for classification.

Specific target organ toxicity - single exposure

STOT - single exposure	Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	Conclusive data but not sufficient for classification.

REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	31,300.0
Species	Rat Rat
ATE oral (mg/kg)	31,300.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	5,000.0
Species	Rat Rat
ATE dermal (mg/kg)	5,000.0

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C9-C11 ALCOHOL ETHOXYLATE (6MEO)

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rat

3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	2,820.0
Species	Rat
ATE oral (mg/kg)	500.0

Acute toxicity - dermal

Notes (dermal LD_{50})	LD50 >2000 mg/Kg bw RAT

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Not determined.

Skin corrosion/irritation

Animal data	Irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.

SECTION 12: Ecological information

Ecotoxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

Toxicity The product is not expected to be toxic to aquatic organisms.

Ecological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: >100 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC_{50}, 72 hours: <100 mg/l, Algae
Acute toxicity - terrestrial	LC_{50}, 14 days: 156 mg/kg, Eisenia Fetida (Earthworm)

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	, 28 days: >=36.9 mg/l, Brachydanio rerio (Zebra Fish)

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Chronic toxicity - aquatic invertebrates , 21 days: 25 mg/l, Daphnia magna

REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 4.2 mg/l, Fish

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 1.71 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 9.3 mg/l, Freshwater algae

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates , 21 days: 15 mg/l, Daphnia magna

C9-C11 ALCOHOL ETHOXYLATE (6MEO)

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 1-10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 1-10 mg/l, Daphnia magna

3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE

Acute aquatic toxicity

LE(C)$_{50}$ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC_{50}, 96 hour: 0.68 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC_{50}, 48 hour: 19.9 mg/l, Daphnia magna

Acute toxicity - aquatic plants ErC50, 72 hour: 0.705 mg/l, Pseudokirchneriella subcapitata
NOEC, 72 hour: 0.303 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms NOEC, 3 hour: 970 mg/l, Activated sludge
EC_{50}, 3 hour: 970 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 302 days: 0.42 mg/l, Pimephales promelas (Fat-head Minnow)

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.7 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Ecological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Bioaccumulative potential : 1.8 (28d), Lepomis macrochirus (Bluegill)

12.4. Mobility in soil

Mobility Mobile.

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 None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Waste should be treated as controlled waste.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1719

UN No. (IMDG) 1719

UN No. (ICAO) 1719

UN No. (ADN) 1719

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

Proper shipping name (IMDG) CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

Proper shipping name (ICAO) CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

Proper shipping name (ADN) CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C5

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

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Transport labels

14.4. Packing group

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

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2R
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

EU legislation	Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). 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). Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

General information	Only trained personnel should use this material.
Key literature references and sources for data	Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision. Revision of information
Revision date	15/04/2019
Revision	9
Supersedes date	17/12/2018
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure if inhaled. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Notes for Hazard Statements in Full	The full text for Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

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.