

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

1.1. Product identifier

Product form	: Mixture
Product name	: Sludge & Flux Remover (WP 1223)
Product code	: WP 1223
Type of product	: Aqueous mixture based on :Non ionic surfactant,Flocculant,Chelating agent
Product group	: Blend

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

1.2.1. Relevant identified uses

Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Central heating system cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wessex Chemical Factors Ltd
9 Crane Way, Woolsbridge Industrial Park,
Three Legged Cross, Wimborne, Dorset
BH21 6FA - United Kingdom
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863
www.wessexchemicalfactors.co.uk
E-mail address of competent person responsible for the SDS : info@wessexchemicalfactors.co.uk

1.4. Emergency telephone number

Emergency number	: +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.) +44 (0) 7973629367 (Out of hours emergency number)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Repeated exposure, Category 2	H373
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS08

Signal word (CLP)	: Warning
Hazardous ingredients	: tetrasodium ethylene diamine tetraacetate
Hazard statements (CLP)	: H319 - Causes serious eye irritation. H373 - May cause damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP)	: P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. 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. P337+P313 - If eye irritation persists: Get medical advice/attention. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
tetrasodium ethylene diamine tetraacetate	(CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 (REACH-no) 01-2119486762-27-XXXX	1 - 3	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 STOT RE 1, H372
sodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2 (REACH-no) 01-2119485498-19-XXXX	0.1 - 1	Eye Irrit. 2, H319
sodium nitrite	(CAS-No.) 7632-00-0 (EC-No.) 231-555-9 (EC Index-No.) 007-010-00-4 (REACH-no) 01-2119471836-27-XXXX	0.1 - 1	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2, H319 Aquatic Acute 1, H400
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	< 0.1	Met. Corr. 1, H290 Skin Corr. 1A, H314
trisodium nitrilotriacetate	(CAS-No.) 5064-31-3 (EC-No.) 225-768-6 (EC Index-No.) 607-620-00-6 (REACH-no) 01-2119519239-36-XXXX	< 0.1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Carc. 2, H351
aryl ether phosphate ester, potassium salt	(CAS-No.) 72283-31-9	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
disodium metasilicate	(CAS-No.) 6834-92-0 (EC-No.) 229-912-9 (EC Index-No.) 014-010-00-8	< 0.1	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335
sodium xylene sulphonate	(CAS-No.) 1300-72-7 (EC-No.) 215-090-9 (REACH-no) 01-2119513350-56-0001	< 0.1	Eye Irrit. 2, H319
sodium sulphamidate	(CAS-No.) 13845-18-6 (EC-No.) 237-572-8	< 0.1	Not classified
disodium adipate	(CAS-No.) 7486-38-6 (EC-No.) 231-293-5	< 0.1	Not classified

Specific concentration limits:

Name	Product identifier	Specific concentration limits
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	(0.5 =<C < 2) Eye Irrit. 2, H319 (0.5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (5 =<C < 100) Skin Corr. 1A, H314
trisodium nitrilotriacetate	(CAS-No.) 5064-31-3 (EC-No.) 225-768-6 (EC Index-No.) 607-620-00-6 (REACH-no) 01-2119519239-36-XXXX	(5 =<C < 100) Carc. 2, H351

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Causes serious eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide; caustic soda (1310-73-2)

United Kingdom - Occupational Exposure Limits

Local name	Sodium hydroxide
WEL STEL (mg/m ³)	2 mg/m ³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Safety glasses. Gloves. Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless watery liquid.
Colour	: Colourless.
Odour	: Neutral.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.028 g/cm ³
Solubility	: soluble in water.
Log Pow	: No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

sodium hydroxide; caustic soda (1310-73-2)

LD50 oral	325 mg/kg bodyweight
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sodium nitrite (7632-00-0)

LD50 oral rat	180 mg/kg bodyweight
LD50 dermal	No data/information is available for acute dermal toxicity. Sodium nitrite is not expected to pass the skin.
LC50 inhalation rat (Dust/Mist - mg/l/4h)	Testing concerning acute inhalation toxicity is not meaningful, since sodium nitrite has an extreme high water solubility and leads to oral uptake.

tetrasodium ethylene diamine tetraacetate (64-02-8)

LD50 oral rat	1780 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	4.14 mg/l/4h

trisodium nitrilotriacetate (5064-31-3)

LD50 oral rat	1740 mg/kg
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aryl ether phosphate ester, potassium salt (72283-31-9)

LD50 oral rat	> 2000 mg/kg
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sodium xylene sulphonate (1300-72-7)

LD50 oral rat	>= 7200 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

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disodium metasilicate (6834-92-0)	
LD50 dermal rat	> 5000 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 2.06 mg/l/4h

sodium sulphamidate (13845-18-6)	
LD50 oral rat	> 2500 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

disodium adipate (7486-38-6)	
LD50 oral rat	5560 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Although large dietary doses of NTA (nitrotriacetic acid) and salts thereof have caused urinary tumors in laboratory animals, there is little likelihood that NTA could cause cancer in humans, especially at subtoxic doses.
Additional information	: Based on available data, the classification criteria are not met

sodium nitrite (7632-00-0)	
IARC group	2A - Probably carcinogenic to humans

trisodium nitrotriacetate (5064-31-3)	
IARC group	2B - Possibly carcinogenic to humans

sodium nitrite (7632-00-0)	
NOAEL (chronic, oral, animal/male, 2 years)	130 mg/kg bodyweight Rat
NOAEL (chronic, oral, animal/female, 2 years)	150 mg/kg bodyweight Rat

Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Additional information	: Based on available data, the classification criteria are not met

sodium nitrite (7632-00-0)	
NOEL, male, oral, rat	10 mg/kg bw/day (2 years)

tetrasodium ethylene diamine tetraacetate (64-02-8)	
NOAEL (oral, rat, 90 days)	>= 500 mg/kg bodyweight/day
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.003 mg/l

disodium metasilicate (6834-92-0)	
NOAEL (oral, rat, 90 days)	> 227 - 237 mg/kg bodyweight/day

Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

sodium hydroxide; caustic soda (1310-73-2)

LC50 fish 1	125 mg/l Western mosquitofish (<i>Gambusia affinis</i>)
EC50 other aquatic organisms 1	40.4 mg/l species of water flea (<i>Ceriodaphnia</i> sp.)
EC50, microorganisms, (<i>Photobacterium phosphoreum</i>)	22 mg/l (15 minutes)

sodium nitrite (7632-00-0)

LC50 fish 1	0.54 - 26.3 mg/l Rainbow trout (<i>Onchorhynchus mykiss</i>)
EC50 Daphnia 1	15.4 mg/l
EC50 other aquatic organisms 1	4.93 mg/l <i>Cherax quadricarinatus</i>
ErC50 (algae)	> 100 mg/l
EC50, daphnia, short term	15.4 mg/l (48 Hours)
LC50, aquatic invertebrates	4.93 mg/l (96 Hours)
EC50, aquatic algae	> 100 mg/l (72 Hours)
EC50, microorganisms	421 mg/l (48 Hours)
NOEC, fish, Chronic	6.61 mg/l (31 days)
NOEC, daphnia, Chronic	9.86 mg/l (80 days)

tetrasodium ethylene diamine tetraacetate (64-02-8)

LC50 fish 1	121 mg/l Tests performed in very soft water (10-13 mg/l CaCO ₃)
LC50 fish 2	1592 mg/l Tests performed in very hard water (280-320 mg CaCO ₃)
EC50 72h algae (1)	> 100 mg/l

sodium xylene sulphonate (1300-72-7)

LC50 fish 1	> 1000 mg/l Rainbow trout (<i>Oncorhynchus mykiss</i>)
EC50 Daphnia 1	> 1000 mg/l
ErC50 (algae)	310 mg/l
NOEC chronic algae	40 mg/l

sodium carbonate (497-19-8)

LC50 fish 1	300 mg/l Common blue gill (<i>Lepomis macrochirus</i>)
EC50 Daphnia 1	200 - 227 mg/l Water flea (<i>Ceriodaphnia</i> sp.)
EC50 72h algae (1)	> 100 mg/l Practically non toxic to algae, but extreme pH can effect vigour
TLM fish 1	1200 mg/l 96 hours

disodium metasilicate (6834-92-0)

LC50 fish 1	2320 mg/l Western mosquitofish (<i>Gambusia affinis</i>)
LC50 fish 2	210 mg/l Zebra fish (<i>Danio rerio</i>)
EC50 Daphnia 1	1700 mg/l
EC50 72h algae (1)	207 mg/l
ErC50 (algae)	> 345.4 mg/l

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sodium sulphamidate (13845-18-6)	
LC50 fish 1	> 100 mg/l Rainbow trout (<i>Oncorhynchus mykiss</i>)
EC50 Daphnia 1	> 100 mg/l

disodium adipate (7486-38-6)	
LC50 fish 1	230 mg/l

12.2. Persistence and degradability

Sludge & Flux Remover (WP 1223)	
Persistence and degradability	Not established.

sodium nitrite (7632-00-0)	
Persistence and degradability	Not established.

tetrasodium ethylene diamine tetraacetate (64-02-8)	
Persistence and degradability	Not readily biodegradable.
Chemical oxygen demand (COD)	260 g O ₂ /g substance

aryl ether phosphate ester, potassium salt (72283-31-9)	
Persistence and degradability	Not established.

sodium xylene sulphonate (1300-72-7)	
Persistence and degradability	Readily biodegradable.

sodium carbonate (497-19-8)	
Persistence and degradability	Substance will dissociate upon contact with water, the only effect is the pH effect, therefore after passing through the sewage treatment plant exposure is considered negligible and with no risk.

disodium metasilicate (6834-92-0)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Sludge & Flux Remover (WP 1223)	
Bioaccumulative potential	Not established.

sodium hydroxide; caustic soda (1310-73-2)	
Bioaccumulative potential	No bioaccumulation.

sodium nitrite (7632-00-0)	
Bioaccumulative potential	Not established.

tetrasodium ethylene diamine tetraacetate (64-02-8)	
BCF fish 1	1.8 Bluegill, (<i>Lepomis macrochirus</i>)
Log Pow	-13
Bioaccumulative potential	Low bioaccumulation potential.

aryl ether phosphate ester, potassium salt (72283-31-9)	
Bioaccumulative potential	Not established.

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sodium xylene sulphonate (1300-72-7)	
Bioaccumulative potential	Not established.

sodium carbonate (497-19-8)	
Bioaccumulative potential	No bioaccumulation.

disodium metasilicate (6834-92-0)	
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

sodium hydroxide; caustic soda (1310-73-2)	
Ecology - soil	Mobile. Soluble material/quickly disperses in water.

sodium carbonate (497-19-8)	
Ecology - soil	Soluble material/quickly disperses in water.

12.5. Results of PBT and vPvB assessment

Component	
sodium nitrite (7632-00-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
tetrasodium ethylene diamine tetraacetate (64-02-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
sodium carbonate (497-19-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

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Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
TLM	Median Tolerance Limit
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Data sources : 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.

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

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Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
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.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.