SAFETY DATA SHEET

May be used to comply with Regulation (EU) No. 2020/878. Standards must be consulted for specific requirements.

Revision Date: 2023-05-03

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: Statguard® Conductive Epoxy, Part A

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

Identified use: Floor Coating Hardener

1.3 Details of the supplier of the safety data sheet

Supplier: DESCO EUROPE

2A Dunhams Lane
Letchworth Garden City
Hertfordshire, SG6 1BE
UNITED KINGDOM
+44 (0) 1462 672005

Email Address: Service@DescoEurope.com

1.4 Emergency telephone number

United Kingdom: +44 (0) 1462 672005

Office hours: 8:00 AM - 5:00 PM

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic	Category 2
Skin Corrosion/Irritation	Category 2
Eye Irritation	Category 2
Skin Sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms/Symbols:

Signal word: Warning

Hazard statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards None known

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Components	CAS No.	Concentration	Classification
(Proprietary) Ingredients	-	50 - 100%	Aquatic Chronic 2 - H411 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 - H335
Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	111-76-2	25 - 50%	Aquatic Chronic 2 - H411 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

SECTION 4 — FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Immediately remove any clothing soiled by the product.

Inhalation: Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.

Skin Contact Immediately wash with water and soap and rinse thoroughly.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available..

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available..

SECTION 5 — FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media — Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing Methods — None known

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information..

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep container tightly sealed..

7.3 Specific end uses No further relevant information available.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Additional information about design of technical facilities: No further data; see section 7.
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Individual protection measures

General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Eye/Face Protection	Tightly sealed goggles. Safety glasses (with side shields) should be consistent with EN 166 or equivalent.
Skin Protection	No precautions other than clean body covering clothing should be needed.
Hand Protection	**Protective gloves.** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Respiratory Protection	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Clear
Odor:	Characteristic
Odor Threshold:	Not determined
pH:	Not applicable
Melting Point:	Undetermined
Boiling Point:	Undetermined
Flash Point:	252°C
Flammability (solid,gas):	Not determined
Auto-ignition temperature:	300°C
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor Pressure at 20°C:	0.1 hPa
Density at 20°C:	1.12 g/cm³
Relative density:	Not determined.
Vapour density:	Heavier than (Air)
Evaporation rate:	Slower than (n-Butyl Acetate)
Solubility:	Soluble in water
Partition coefficient:	Not determined

9.2 Other information

No further relevant information available.

SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

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

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or Skin Sensitization

May cause an allergic skin reaction.

Additional toxicological information:

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
May cause respiratory irritation.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

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

SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity
Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability
No further relevant information available.

12.3 Bioaccumulative potential
No further relevant information available.

12.4 Mobility in soil
Ecotoxical effects:
Remark: Toxic for fish
Additional ecological information:
General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

No further relevant information available..

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents

13.2 Additional information None

SECTION 14 — TRANSPORT INFORMATION

Classification for ROAD AND RAILWAY TRANSPORT (ADR / RID)

14.1 UN Number

ADR, IMDG, IATA UN3082

14.2 UN proper shipping name

ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A epoxy resin).
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A epoxy resin), MARINE POLLUTANT
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A epoxy resin).

14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class	9 Miscellaneous dangerous substances and articles
Label	9

14.4 Packing group

ADR, IMDG, IATA	III

14.5 Environmental hazards

Matine Pollutant:	Yes Symbol (fish and tree)
Special Marking (ADR):	Symbol (fish and tree)
Special Marking (IATA):	Symbol (fish and tree)

14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and articles.
Hazard identification number (Kemler code):	90
EMS Number:	F-A, S-F
Stowage Category:	A

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

Consult IMO regulations before transporting ocean bulk.

Transport/Additional information:

ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
Transport category	3
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
UN "Model Regulation"	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A epoxy resin), 9, III

SECTION 15 — REGULATORY INFORMATION

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients is listed.
Seveso category: E2 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements: 200 t
Qualifying quantity (tonnes) for the application of upper-tier requirements: 500 t

15.2 Chemical Safety Assessment A Chemical Safety Assessment has not been carried out.

SECTION 16 — OTHER INFORMATION

SDS Updated **2023-05-03**

Full text of other abbreviations
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Disclaimer

OTHER INFORMATION: 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. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.

SAFETY DATA SHEET

May be used to comply with Regulation (EU) No. 2020/878. Standards must be consulted for specific requirements.

Revision Date: 2023-05-03

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: Statguard® Conductive Epoxy, Part B

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

Identified use: Floor Coating

1.3 Details of the supplier of the safety data sheet

Supplier: DESCO EUROPE

2A Dunhams Lane
Letchworth Garden City
Hertfordshire, SG6 1BE
UNITED KINGDOM
+44 (0) 1462 672005

Email Address: Service@DescoEurope.com

1.4 Emergency telephone number

United Kingdom: +44 (0) 1462 672005

Office hours: 8:00 AM - 5:00 PM

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008

Germ cell mutagenicity	Category 1B
Skin Corrosion/Irritation	Category 1B
Carcinogenicity	Category 2

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms/Symbols:

Signal word: Danger

Hazard statements:
H319 Causes serious eye irritation.
H340 May cause genetic defects.
H350 May cause cancer.

Precautionary statements:

Prevention
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards

None known

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Components	CAS No.	Concentration	Classification
Mica - Potassium Aluminum Silicate substance with a Community workplace exposure limit	12001-26-2	2.5 - 10%	-
TIN ANTIMONY OXIDE	68187-54-2	2.5 - 10%	STOT RE 2 - H373
Titanium dioxide	13463-67-7	2.5 - 10%	Acute Tox. 4 - H332
2-butoxyethanol	111-76-2	2.5 - 10%	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Propylene glycol	57-55-6	2.5 - 10%	Acute Tox. 4 - H302
Butan-1-ol	71-36-3	1 - 2.5%	Flam. Liq. 3 - H226 Eye Dam. 1 - H318 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 STOT SE 3 - H335, H336
Naphtha (petroleum), heavy alkylate	64741-65-7	0.1 - 2.5%	Flam. Liq. 3 - H226 Acute Tox. 3 - H331 Muta. 1B - H340 Carc. 1B - H350 Asp. Tox. 1 - H304

SECTION 4 — FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Supply fresh air; consult doctor in case of complaints.

Skin Contact Generally the product does not irritate the skin.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available..

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available..

SECTION 5 — FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media — Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing Methods — None known

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information..

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep container tightly sealed..

7.3 Specific end uses No further relevant information available.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:

12001-26-2 Mica - Potassium Aluminum Silicate	
WEL	Long-term value: 10* 0.8** mg/m³ *total inhalable **respirable
111-76-2 2-butoxyethanol	
WEL	Short-term value: 246 mg/m³, 50 ppm Long-term value: 123 mg/m³, 25 ppm Sk, BMGV
57-55-6 Propylene glycol	
WEL	Long-term value: 474* 10** mg/m³, 150* ppm *total vapour and particulates **particulates
71-36-3 butan-1-ol	
WEL	Short-term value: 154 mg/m³, 50 ppm Sk

Ingredients with biological limit values:

111-76-2 2-butoxyethanol	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid

8.2 Exposure controls

Individual protection measures

General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes. Avoid contact with the eyes and skin.
Eye/Face Protection	Tightly sealed goggles. Safety glasses (with side shields) should be consistent with EN 166 or equivalent.
Skin Protection	No precautions other than clean body covering clothing should be needed.
Hand Protection	**Protective gloves.** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Respiratory Protection	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Light Gray
Odor:	Characteristic
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	Undetermined
Boiling Point:	100°C
Flash Point:	95 - 125°C
Flammability (solid,gas):	Not applicable
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor Pressure at 20°C:	23 hPa
Density at 20°C:	1.41477 g/cm³
Relative density:	Not determined.
Vapour density:	Heavier than (Air)
Evaporation rate:	Slower than (n-Butyl Acetate)
Solubility:	Fully miscible in water
Partition coefficient:	Not determined

Solvent content:
VOC (EC) 10.06%

9.2 Other information

No further relevant information available.

SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity
Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

111-76-2 2-butoxyethanol		
Oral	LD50	1,200 mg/kg (ATE), 1,480 mg/kg (Rat)
Dermal	LD50	400 mg/kg (rab)

Primary irritant effect:
Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or Skin Sensitization
Based on available data, the classification criteria are not met.

Additional toxicological information:

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity
May cause genetic defects.

Carcinogenicity
May cause cancer.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

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

SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity
Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability
No further relevant information available.

12.3 Bioaccumulative potential
No further relevant information available

12.4 Mobility in soil
Ecotoxical effects:
Remark: Toxic for fish
Additional ecological information:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system..

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects
No further relevant information available..

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents

13.2 Additional information None

SECTION 14 — TRANSPORT INFORMATION

Classification for ROAD AND RAILWAY TRANSPORT (ADR / RID)

14.1 UN Number

ADR, ADN, IMDG, IATA Not applicable/Not regulated

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Not applicable/Not regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA Not applicable/Not regulated

14.4 Packing group

ADR, ADN, IMDG, IATA Not applicable/Not regulated

14.5 Environmental hazards

Not applicable/Not regulated

14.6 Special precautions for user

Not applicable/Not regulated

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
Not applicable/Not regulated

SECTION 15 — REGULATORY INFORMATION

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I: None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (UK ANNEX XIV)		
127087-87-0	4-Nonylphenol, branched, ethoxylated	Sunset date: 2021-01-04

National regulations:
Additional classification according to Decree on Hazardous Materials, Annex II:
Carcinogenic hazardous material group III (dangerous).

Information about limitation of use:
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

15.2 Chemical Safety Assessment A Chemical Safety Assessment has not been carried out.

SECTION 16 — OTHER INFORMATION

SDS Updated **2023-05-03**

Full text of other abbreviations
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International
Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Muta. 1B: Germ cell mutagenicity – Category 1B
Carc. 1B: Carcinogenicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1

Disclaimer

OTHER INFORMATION: 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. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.