SAFETY DATA SHEET

RX439NL/BK

Compilation date: 21/06/2012

Revision date: 23/08/2016

Revision No: 1.1

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

1.1. Product identifier

Product name: RX439NL/BK

Synonyms: EHC: 28611000001884 UFI: XR65-F01Y-200Y-NTCV

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Robnor ResinLab Ltd
31 Athena Avenue
Elgin Industrial Estate
Swindon
Wiltshire
SN2 8EJ
United Kingdom

Tel: +44(0) 1793 823741

Fax: +44(0) 1793 827033

Email: eusds@robnor.co.uk

1.4. Emergency telephone number

Emergency tel: +44(0) 1793 823741
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Muta. 2: H341; Aquatic Chronic 2: H411

Most important adverse effects: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects ([kidney][liver][bone marrow]). Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.

[cont...]

H341: Suspected of causing genetic defects ([kidney][liver][bone marrow]).

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental

Signal words: Warning

Precautionary statements: P201: Obtain special instructions before use.

P261: Avoid breathing mist.

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.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P273: Avoid release to the environment.

Haz. ingredients (label): ALUMINIUM HYDROXIDE; BISPHENOL A EPOXY RESIN (MW <700); GLYCIDYL NEODECANOATE; KAOLIN

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ALUMINIUM HYDROXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
244-492-7	21645-51-2	Substance with a Community workplace exposure limit.	-	30-50%

BISPHENOL A EPOXY RESIN (MW <700) - REACH registered number(s): 01-2119456619-26-XXXX

500-033-5	25068-38-6	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Chronic 2: H411	10-30%

GLYCIDYL NEODECANOATE - REACH registered number(s): 01-2119431597-33-XXXX

247-979-2	26761-45-5	-	Skin Sens. 1: H317; Muta. 2: H341; Aquatic Chronic 2: H411	1-10%

[cont...]

BIS(2-PROPYLHEPTYL) PHTHALATE

258-469-4	53306-54-0	-	-	1-10%

KAOLIN

310-194-1	1332-58-7	Substance with a Community workplace exposure limit.	-	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation occurs or persists, seek medical attention. Transfer to hospital if neccessary.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact. May cause sensitisation in susceptible individuals.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC1: Adhesives, sealants.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ALUMINIUM HYDROXIDE

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	4 mg/m3	10 mg/m3	-	-

KAOLIN

UK	2 mg/m3	-	-	-

DNEL/PNEC Values

[cont...]

Hazardous ingredients:

ALUMINIUM HYDROXIDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10.76 mg/m3	Workers	Systemic
DNEL	Inhalation	3.59 mg/m3	Workers	Local

BISPHENOL A EPOXY RESIN (MW <700)

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	12.25 mg/m3	Workers	Systemic
DNEL	Dermal	8.33 mg/kg	Workers	Systemic
PNEC	Fresh water	6 ug/L	-	-
PNEC	Marine water	600 ng/L	-	-
PNEC	Microorganisms in sewage treatment	10 mg/L	-	-
PNEC	Fresh water sediments	996 ug/kg	-	-
PNEC	Marine sediments	99.6 ug/kg	-	-
PNEC	Soil (agricultural)	196 ug/kg	-	-
PNEC	Food chain	11 mg/kg	-	-

GLYCIDYL NEODECANOATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	2.7 mg/m3	Workers	Systemic
DNEL	Dermal	1.9 mg/kg	Workers	Systemic
PNEC	Fresh water	1.2 ug/L	-	-
PNEC	Marine water	120 ng/L	-	-
PNEC	Microorganisms in sewage treatment	50 mg/L	-	-

BIS(2-PROPYLHEPTYL) PHTHALATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	20.8 mg/m3	Workers	Systemic
DNEL	Inhalation	8.4 mg/m3	Workers	Local
DNEL	Dermal	102.08 mg/kg	Workers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

[cont...]

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Black

Odour: Perceptible odour

Flash point°C: >245

Relative density: 1.17

pH: 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ALUMINIUM HYDROXIDE

ORAL	RAT	LD50	>2000	mg/kg

BISPHENOL A EPOXY RESIN (MW <700)

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

[cont...]

GLYCIDYL NEODECANOATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

BIS(2-PROPYLHEPTYL) PHTHALATE

DERMAL	RBT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>5	mg/l
ORAL	RAT	LD50	>5000	mg/kg

KAOLIN

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
Germ cell mutagenicity	--	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. May cause sensitisation in susceptible individuals.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ALUMINIUM HYDROXIDE

Daphnia magna	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	>100	mg/l

[cont...]

BISPHENOL A EPOXY RESIN (MW <700)

Daphnia magna	48H EC50	1.7	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	2.4	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1.2	mg/l

GLYCIDYL NEODECANOATE

Daphnia magna	48H EC50	4.8	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	1.2	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	5	mg/l

BIS(2-PROPYLHEPTYL) PHTHALATE

Daphnia magna	48H EC50	>100	mg/l
Scenedesmus Subspicatus	72H ErC50	>100	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>10000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

[cont...]

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(BISPHENOL A EPOXY RESIN (MW <700))

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H341: Suspected of causing genetic defects ([kidney][liver][bone marrow]).

H341: Suspected of causing genetic defects ([kidneys] [liver] [bone marrow]).

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

SAFETY DATA SHEET

HX439NL-1/NC

Compilation date: 28/01/2014

Revision date: 22/02/2017

Revision No: 1.1

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

1.1. Product identifier

Product name: HX439NL-1/NC

Synonyms: EHC: 28611000001887 UFI: J075-Y045-000F-MU42

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Robnor ResinLab Ltd
31 Athena Avenue
Elgin Industrial Estate
Swindon
Wiltshire
SN2 8EJ
United Kingdom

Tel: +44(0) 1793 823741

Fax: +44(0) 1793 827033

Email: eusds@robnor.co.uk

1.4. Emergency telephone number

Emergency tel: +44(0) 1793 823741
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B: H314; Acute Tox. 4: H302; Skin Sens. 1A: H317; Aquatic Chronic 1: H410

Most important adverse effects: Causes severe skin burns and eye damage. Harmful if swallowed. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H317: May cause an allergic skin reaction.
H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

[cont...]

GHS07: Exclamation mark

GHS09: Environmental

Signal words: Danger

Precautionary statements: P260: Do not breathe mist.

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

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call doctor.

P273: Avoid release to the environment.

Haz. ingredients (label): ISOPHORONE DIAMINE; STYRENATED PHENOL

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ISOPHORONE DIAMINE - REACH registered number(s): 01-2119514687-32-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
220-666-8	2855-13-2	-	Skin Corr. 1B: H314; Acute Tox. 4: H302+H312; Skin Sens. 1: H317; Aquatic Chronic 3: H412	50-70%

STYRENATED PHENOL

262-975-0	61788-44-1	-	Skin Irrit. 2: H315; Skin Sens. 1A: H317; Aquatic Chronic 1: H410	30-50%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

[cont...]

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: Severe burns may occur. Blistering may occur. Progressive ulceration will occur if treatment is not immediate. May cause sensitisation in susceptible individuals.

Eye contact: Corneal burns may occur. May cause permanent damage. There may be severe pain.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. A decontamination shower should be available on the premises. Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside keep bystanders upwind and away from danger point. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

[cont...]

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC1: Adhesives, sealants.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

ISOPHORONE DIAMINE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.073 mg/m3	Workers	Local
PNEC	Fresh water	60 ug/L	-	-
PNEC	Marine water	6 ug/L	-	-
PNEC	Microorganisms in sewage treatment	3.18 mg/L	-	-
PNEC	Fresh water sediments	5.784 mg/kg	-	-
PNEC	Marine sediments	578 ug/kg	-	-
PNEC	Soil (agricultural)	1.121 mg/kg	-	-

[cont...]

STYRENATED PHENOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	4.11 mg/m3	Workers	Systemic
DNEL	Dermal	2.92 mg/kg	Workers	Systemic
PNEC	Fresh water	11.5 ug/L	-	-
PNEC	Marine water	1.15 ug/L	-	-
PNEC	Microorganisms in sewage treatment	10 mg/L	-	-
PNEC	Fresh water sediments	1.564 mg/kg	-	-
PNEC	Marine sediments	156.4 ug/kg	-	-
PNEC	Soil (agricultural)	305.2 ug/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Suitable respiratory protection should be worn when there is inadequate ventilation.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Relative density: 0.96

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

[cont...]

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ISOPHORONE DIAMINE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1030	mg/kg

STYRENATED PHENOL

ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Severe burns may occur. Blistering may occur. Progressive ulceration will occur if treatment is not immediate. May cause sensitisation in susceptible individuals.

Eye contact: Corneal burns may occur. May cause permanent damage. There may be severe pain.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

[cont...]

Hazardous ingredients:

ISOPHORONE DIAMINE

Daphnia magna	48H EC50	23	mg/l
FISH	96H LC50	110	mg/l
Scenedesmus Subspicatus	72H ErC50	>50	mg/l

STYRENATED PHENOL

ALGAE	72H ErC50	>10	mg/l
DAPHNIA	48H EC50	4.6	mg/l
FISH	96H LC50	5.6	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Very toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN2289

14.2. UN proper shipping name

Shipping name: ISOPHORONEDIAMINE SOLUTION

[cont...]

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H302+H312: Harmful if swallowed or in contact with skin

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.