

**NIELSEN****SAFETY DATA SHEET  
ECO XL**

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 ECO XL

Internal identification L567

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

Identified uses Cleaning agent.

Uses advised against Use only for intended applications.

**1.3. Details of the supplier of the safety data sheet**

Supplier  
NIELSEN CHEMICALS  
RAWDON ROAD  
MOIRA  
SWADLINCOTE  
DERBYSHIRE  
DE12 6DA  
TEL: +44 (0) 1283 222277  
FAX: +44 (0) 1283 225731  
info@nielsenchemicals.com

**1.4. Emergency telephone number**

Emergency telephone +44 (0) 777 8505 330 (24 hrs). +44 (0) 1865 407333 (24 hrs). MEDICAL AND ENVIRONMENTAL EMERGENCIES ONLY.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Met. Corr. 1 - H290

Health hazards Skin Corr. 1C - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

**2.2. Label elements****Pictogram**

Signal word Danger

Hazard statements  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

## ECO XL

**Precautionary statements**

P280 Wear protective clothing, gloves, eye and face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
 Rinse skin with water or shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains** SODIUM HYDROXIDE

**Detergent labelling** < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% phosphonates

### 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

|   |  |
|---|--|
| <b>SODIUM HYDROXIDE</b>                                   | <b>1-5%</b>                                      |
| CAS number: 1310-73-2                                     | EC number: 215-185-5                             |
|   | REACH registration number: 01-2119457892-27      |
| <b>Classification</b>                                     |  |
| Met. Corr. 1 - H290                                       |  |
| Skin Corr. 1A - H314                                      |  |
| Eye Dam. 1 - H318   |  |
| <b>TETRASODIUM ETHYLENE DIAMINE TETRAACETATE</b>          | <b>1-5%</b>                                      |
| CAS number: 64-02-8                                       | EC number: 200-573-9                             |
|   | REACH registration number: 01-2119486762-27-XXXX |
| <b>Classification</b>                                     |  |
| Acute Tox. 4 - H302                                       |  |
| Acute Tox. 4 - H332                                       |  |
| Eye Dam. 1 - H318   |  |
| STOT RE 2 - H373  |  |
| <b>(C9-11) ALKYL ALCOHOL ETHOXYLATE</b>                   | <b>1-5%</b>                                      |
| CAS number: 68439-45-2                                    |  |
| <b>Classification</b>                                     |  |
| Acute Tox. 4 - H302                                       |  |
| Eye Dam. 1 - H318   |  |
| <b>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</b> | <b>1-5%</b>                                      |
| CAS number: 51981-21-6                                    | EC number: 257-573-7                             |
|   | REACH registration number: 01-2119493601-38-XXXX |
| <b>Classification</b>                                     |  |
| Not Classified  |  |

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|                              |                      |  |               |
|------------------------------|----------------------|--|---------------|
| <b>DISODIUM METASILICATE</b> |                      |  | <b>&lt;1%</b> |
| CAS number: 6834-92-0        | EC number: 229-912-9 | REACH registration number: 01-2119449811-37-XXXX |               |

**Classification**

Met. Corr. 1 - H290  
 Skin Corr. 1B - H314  
 Eye Dam. 1 - H318  
 STOT SE 3 - H335

|  |                      |  |               |
|--|----------------------|--|---------------|
| <b>TETRASODIUM 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONATE</b> |                      |  | <b>&lt;1%</b> |
| CAS number: 3794-83-0                                    | EC number: 223-267-7 |  |               |

**Classification**

Skin Irrit. 2 - H315  
 Eye Irrit. 2 - H319

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>General information</b> | Show this Safety Data Sheet to the medical personnel. Chemical burns must be treated by a physician. If medical advice is needed, have product container or label at hand. |
| <b>Inhalation</b>          | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.   |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.  |
| <b>Skin contact</b>        | Rinse immediately with plenty of water. Get medical attention immediately.   |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention immediately.                       |

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

|                            |  |
|----------------------------|--|
| <b>General information</b> | Chemical burns must be treated by a physician. |
| <b>Inhalation</b>          | Burns can occur.                               |
| <b>Ingestion</b>           | May cause chemical burns in mouth and throat.  |
| <b>Skin contact</b>        | Causes severe burns.                           |
| <b>Eye contact</b>         | Causes serious eye damage.                     |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

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**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Phosphorus.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Do not handle broken packages without protective equipment. Wash thoroughly after dealing with a spillage.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb spillage to prevent material damage. Absorb spillage with inert, damp, non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing, gloves, eye and face protection. Avoid spilling. Avoid contact with skin, eyes and clothing. Avoid release to the environment. Do not reuse empty containers. Do not use in paint spraying equipment. Do not empty into drains. Do not eat, drink or smoke when using this product. Do not handle broken packages without protective equipment. Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at temperatures between 4°C and 40°C. Keep only in the original container.

**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

#### **SODIUM HYDROXIDE**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

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### SODIUM HYDROXIDE (CAS: 1310-73-2)

**DNEL** Industry - Inhalation; Short term local effects: 1 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term local effects: 1 mg/m<sup>3</sup>

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

**DNEL** Workers - Inhalation; Long term systemic effects, local effects: 1.5 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term systemic effects, local effects: 3 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term local effects, systemic effects: 0.6 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term local effects, systemic effects: 1.2 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects, local effects: 25 mg/m<sup>3</sup>

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

### tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (CAS: 51981-21-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 7.3 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 15,000 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 1.8 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 7,500 mg/kg/day  
 General population - Oral; Long term systemic effects: 1.5 mg/kg/day

### DISODIUM METASILICATE (CAS: 6834-92-0)

**DNEL** Industry - Dermal; Long term : 1.49 mg/kg/day  
 Industry - Inhalation; Long term : 6.22 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term : 0.74 mg/kg/day  
 Consumer - Inhalation; Long term : 1.55 mg/m<sup>3</sup>  
 Consumer - Oral; Long term : 0.74

### TETRASODIUM 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONATE (CAS: 3794-83-0)

**DNEL** Workers - Inhalation; Long term systemic effects: 16.9 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 48 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 4.2 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 10 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 24 mg/kg/day  
 General population - Oral; Long term systemic effects: 2.1 mg/kg/day

**PNEC** - Fresh water; 0.096 mg/l  
 - Marine water; 0.01 mg/l  
 - STP; 58 mg/l  
 - Sediment (Freshwater); 42 mg/kg  
 - Sediment (Marinewater); 4.2 mg/kg  
 - Soil; 14 mg/kg

## 8.2. Exposure controls

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### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Protective gloves should have a minimum thickness of 0.15 mm. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. The choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application. Rubber (natural, latex). Neoprene. Nitrile rubber.

### Hygiene measures

Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

|                  |                                   |
|------------------|-----------------------------------|
| Appearance       | Liquid.                           |
| Colour           | Light (or pale). Straw.           |
| Odour            | Mild.                             |
| pH               | pH (concentrated solution): >11.5 |
| Relative density | 1.057 @ 20°C                      |
| Solubility(ies)  | Completely soluble in water.      |

### 9.2. Other information

|                   |                 |
|-------------------|-----------------|
| Other information | Not determined. |
|-------------------|-----------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |  |
|------------|--|
| Reactivity | Reactions with the following materials may generate heat: Acids. |
|------------|--|

### 10.2. Chemical stability

|           |   |
|-----------|---|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|-----------|---|

### 10.3. Possibility of hazardous reactions

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**Possibility of hazardous reactions** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.4. Conditions to avoid

**Conditions to avoid** Acids.

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Phosphorus.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 45,122.31

#### Acute toxicity - inhalation

**ATE inhalation (gases ppm)** 696,163.37

**ATE inhalation (vapours mg/l)** 1,701.73

**ATE inhalation (dusts/mists mg/l)** 232.05

#### Skin corrosion/irritation

**Skin corrosion/irritation** Corrosive to skin. Read-across data.

**Human skin model test** Read-across data. Corrosive to skin. Cell Viability 90% + 87% 3 minutes Cell Viability 9% + 8% 1 hour

**Extreme pH** ≥ 11.5 Corrosive to skin.

#### Serious eye damage/irritation

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

**Inhalation** Burns can occur.

**Ingestion** Causes burns.

**Skin contact** Causes burns.

**Eye contact** Causes serious eye damage.

### Toxicological information on ingredients.

#### SODIUM HYDROXIDE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rat

**ATE oral (mg/kg)**

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### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,780.0

Species Rat

ATE oral (mg/kg) 1,780.0

#### Acute toxicity - inhalation

##### Notes (inhalation LC<sub>50</sub>)

ATE inhalation (gases ppm) 11,250.0

ATE inhalation (vapours mg/l) 27.5

ATE inhalation (dusts/mists mg/l) 3.75

### (C9-11) ALKYL ALCOHOL ETHOXYLATE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,200.0

Species Rat

##### Notes (oral LD<sub>50</sub>)

ATE oral (mg/kg) 1,200.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.1

Species Rat

ATE dermal (mg/kg) 2,000.1

### tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.1

Species Rat

ATE dermal (mg/kg) 2,000.1



## ECO XL

### DISODIUM METASILICATE

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 5,000.0 mg/kg)

Species Rat

ATE dermal (mg/kg) 5,000.0

### TETRASODIUM 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONATE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 2,850.0 mg/kg)

Species Rat

ATE oral (mg/kg) 2,850.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 5,000.0 mg/kg)

Species Rabbit

ATE dermal (mg/kg) 5,000.0

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

#### Acute aquatic toxicity

**Acute toxicity - fish** Not determined.

#### Ecological information on ingredients.

### SODIUM HYDROXIDE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 48 hours: ~ 145 mg/l, Poecilia reticulata (Guppy)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: ~ 76 mg/l, Daphnia magna  
REACH dossier information.

### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: > 100 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna

### tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

#### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: > 100 mg/l, Oncorhynchus mykiss (Rainbow trout)

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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

### DISODIUM METASILICATE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: 180 mg/l, Brachydanio rerio (Zebra Fish)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 1700 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 207 mg/l, Scenedesmus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is expected to be biodegradable.

#### 12.3. Bioaccumulative potential

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

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**Disposal methods** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

### **SECTION 14: Transport information**

#### **Special Provisions note**

#### 14.1. UN number

**UN No. (ADR/RID)** 1760

**UN No. (IMDG)** 1760

**UN No. (ICAO)** 1760

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE LIQUID, N.O.S. (sodium hydroxide)

**Proper shipping name (IMDG)** CORROSIVE LIQUID, N.O.S. (sodium hydroxide)

**Proper shipping name (ICAO)** CORROSIVE LIQUID, N.O.S. (sodium hydroxide)

#### 14.3. Transport hazard class(es)

**ADR/RID class** 8

**ECO XL**

IMDG class 8

ICAO class/division 8

**Transport labels****14.4. Packing group**

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

**14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Tunnel restriction code (E)

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78****and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (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 Regulation (EU) No 453/2010 of 20 May 2010.  
 Commission Regulation (EU) No 2015/830 of 28 May 2015.

**Guidance** Workplace Exposure Limits EH40.**15.2. Chemical safety assessment****SECTION 16: Other information**

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|   |  |
|---|--|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | <p>ATE: Acute Toxicity Estimate.<br/>         ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.<br/>         DNEL: Derived No Effect Level.<br/>         IATA: International Air Transport Association.<br/>         IMDG: International Maritime Dangerous Goods.<br/>         LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.<br/>         LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).<br/>         PBT: Persistent, Bioaccumulative and Toxic substance.<br/>         PNEC: Predicted No Effect Concentration.<br/>         vPvB: Very Persistent and Very Bioaccumulative.<br/>         EC<sub>50</sub>: 50% of maximal Effective Concentration.<br/>         UN: United Nations.</p> |
| <b>Classification abbreviations and acronyms</b>                | <p>Acute Tox. = Acute toxicity<br/>         Eye Dam. = Serious eye damage<br/>         Eye Irrit. = Eye irritation<br/>         Met. Corr. = Corrosive to metals<br/>         Skin Corr. = Skin corrosion<br/>         Skin Irrit. = Skin irritation<br/>         STOT SE = Specific target organ toxicity-single exposure<br/>         STOT RE = Specific target organ toxicity-repeated exposure</p>   |
| <b>Revision comments</b>  | NOTE: Lines within the margin indicate significant changes from the previous revision.   |
| <b>Revision date</b>  | 22/08/2018   |
| <b>Revision</b>   | 3.3  |
| <b>Supersedes date</b>  | 21/06/2017   |
| <b>Hazard statements in full</b>                                | <p>H290 May be corrosive to metals.<br/>         H302 Harmful if swallowed.<br/>         H314 Causes severe skin burns and eye damage.<br/>         H315 Causes skin irritation.<br/>         H318 Causes serious eye damage.<br/>         H319 Causes serious eye irritation.<br/>         H332 Harmful if inhaled.<br/>         H335 May cause respiratory irritation.<br/>         H373 May cause damage to organs (Respiratory system, lungs) through prolonged or repeated exposure.</p>  |

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.