

# SAFETY DATA SHEET

## Coil Care

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

#### 1.1. Product identifier

Product name                   Coil Care  
Product number                AER-I-600

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

Identified uses                PC35 Washing and cleaning products

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

Supplier                         Pump House  
                                      Glaisdale Drive East  
                                      Nottingham  
                                      NG8 4LY  
                                      Tel: +44 (0)115 900 5858  
                                      www.pumph.co.uk

#### 1.4. Emergency telephone number

Emergency telephone        +44 (0)115 900 5858

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards               Aerosol 1 - H222, H229  
Health hazards                 Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards        Not Classified

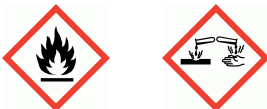
**Human health**                Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Environmental**               This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

**Physicochemical**            Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

#### 2.2. Label elements

##### Pictogram



Signal word                    Danger

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<b>Hazard statements</b>	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H315 Causes skin irritation. H318 Causes serious eye damage. EUH208 Contains ethyl-2,3-epoxy-3-phenylbutyrate. May produce an allergic reaction.
<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P102 Keep out of reach of children. P501 Dispose of contents/ container in accordance with local regulations. P260 Do not breathe vapour/ spray.
<b>Contains</b>	SODIUM HYDROXIDE, Alkoxypropoxypropoxypropanol
<b>Detergent labelling</b>	5 - < 15% aliphatic hydrocarbons, < 5% non-ionic surfactants, < 5% perfumes, Contains d-LIMONENE, Piperonal

### 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>1-METHOXY-2-PROPANOL</b>	<b>10-30%</b>
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H312	
STOT SE 3 - H336	
<b>3-BUTOXYPROPAN-2-OL</b>	<b>5-10%</b>
CAS number: 5131-66-8	EC number: 225-878-4
	REACH registration number: 01-2119475527-28
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>	<b>5-10%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas (Liq.) - H280	

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<b>Sodium Lauroyl Sarcosinate &gt;29.5% soln</b>			<b>1-5%</b>
CAS number: —	REACH registration number: 01-2119527780-39		
<b>Classification</b>			
Acute Tox. 4 - H332			
Eye Irrit. 2 - H319			
<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>Alkoxypolyethoxypolypropoxypropanol</b>			<b>1-5%</b>
CAS number: 68603-25-8	REACH registration number: N/A		
<b>Classification</b>			
Acute Tox. 4 - H302			
Eye Dam. 1 - H318			
<b>2-AMINOETHANOL</b>			<b>&lt;1%</b>
CAS number: 141-43-5	EC number: 205-483-3	REACH registration number: 01-2119486455-28	
<b>Classification</b>			
Acute Tox. 4 - H302			
Acute Tox. 4 - H312			
Acute Tox. 4 - H332			
Skin Corr. 1B - H314			
Eye Dam. 1 - H318			
STOT SE 3 - H335			
Aquatic Chronic 3 - H412			
<b>ethyl-2,3-epoxy-3-phenylbutyrate</b>			<b>&lt;1%</b>
CAS number: 77-83-8	EC number: 201-061-8		
<b>Classification</b>			
Skin Sens. 1B - H317			
Aquatic Chronic 2 - H411			

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<b>Hexahydro-hexamethyl-cyclopenta-benzopyran</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 1222-05-5	EC number: 214-946-9	REACH registration number: 01-2119488227-29
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once.
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.
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### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.
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## Coil Care

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 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

##### **1-METHOXY-2-PROPANOL**

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

##### **3-BUTOXYPROPAN-2-OL**

Long-term exposure limit (8-hour TWA): No std.

##### **PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

##### **SODIUM HYDROXIDE**

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

##### **2-AMINOETHANOL**

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

**Ingredient comments** WEL = Workplace Exposure Limits

### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

## Coil Care

<b>DNEL</b>	Industry - Inhalation; Short term local effects: 553.5 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 369 mg/m <sup>3</sup> Industry - Inhalation; Long term systemic effects: 369 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day Consumer - Inhalation; Long term systemic effects: 43.9 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day
<b>PNEC</b>	- Fresh water; 10 mg/l - Marine water; 1 mg/l - STP; 100 mg/l - Sediment (Freshwater); 41.6 mg/kg - Sediment (Marinewater); 4.17 mg/l - Soil; 2.47 mg/kg - Intermittent release; 100 mg/l

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

<b>DNEL</b>	Consumer - Inhalation; Long term local effects: 1 mg/m <sup>3</sup> Industry - Inhalation; Long term local effects: 1 mg/m <sup>3</sup>
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#### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.
<b>Personal protection</b>	When using do not smoke.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Due to the packaging form, aerosol, risk of skin contact is small. 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/manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Hygiene measures</b>	Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

#### **SECTION 9: Physical and Chemical Properties**

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Organic solvents.
<b>Initial boiling point and range</b>	-40 to -2°C @ 1013 hPa
<b>Flash point</b>	<-40°C
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 9.5%
<b>Vapour pressure</b>	ca. 590 to 1760 kPa @ 45°C
<b>Vapour density</b>	ca. 1.5 at 15°C

## Coil Care

**Auto-ignition temperature** 410-580°C

**Comments** Information given is applicable to the major ingredient.

### 9.2. Other information

**Other information** Not available.

**Volatile organic compound** This product contains a maximum VOC content of 250 g/l.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Stable at normal ambient temperatures and when used as recommended.

### 10.2. Chemical stability

**Stability** Avoid the following conditions: Heat, sparks, flames.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 44,000.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 17,699.12

#### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)** 53.57

**General information** Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Inhalation** In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

**Skin contact** Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

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<b>Acute and chronic health hazards</b>	Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Route of exposure</b>	Inhalation
<b>Target organs</b>	Central nervous system Respiratory system, lungs
<b>Medical symptoms</b>	Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

### Toxicological information on ingredients.

#### 1-METHOXY-2-PROPANOL

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 4,016.0

Species Rat

ATE oral (mg/kg) 4,016.0

##### Acute toxicity - dermal

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

Species Rabbit

ATE dermal (mg/kg) 2,000.0

#### 3-BUTOXYPROPAN-2-OL

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,100.0

Species Rabbit

ATE dermal (mg/kg) 3,100.0

#### Sodium Lauroyl Sarcosinate >29.5% soln

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 0.1

Species Rat

ATE inhalation (dusts/mists mg/l) 1.5

#### SODIUM HYDROXIDE

##### Acute toxicity - oral

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

Species Rat

##### Skin corrosion/irritation



## Coil Care

**Animal data** Dose: , , Rabbit Corrosive.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage. Rabbit

**Inhalation** Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause chemical burns in mouth, oesophagus and stomach.

**Skin contact** Prolonged and frequent contact may cause redness and irritation. Causes burns.

**Eye contact** Severe irritation, burning and tearing. Causes burns.

### Alkoxypolyethoxypolypropoxypropanol

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 616.0

**Species** Rat

**ATE oral (mg/kg)** 616.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 3,000.0

**Species** Rabbit

**ATE dermal (mg/kg)** 3,000.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 8.0

**Species** Rat

### 2-AMINOETHANOL

#### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 1,100.0

### 2-butanone, 4-(4-hydroxyphenyl)-

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,400.0

**Species** Rat

**ATE oral (mg/kg)** 1,400.0

### (E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one

## Coil Care

### Acute toxicity - oral

ATE oral (mg/kg) 500.0

## SECTION 12: Ecological Information

**Ecotoxicity** No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Toxicity** Not available.

### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Toxicity** Not available.

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 6812 mg/l, Leuciscus idus (Golden orfe)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >21100 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 7 days: >1000 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms** EC<sub>50</sub>, 3 hours: >1000 mg/l, Activated sludge

#### 3-BUTOXYPROPAN-2-OL

**Toxicity** Not available.

#### SODIUM HYDROXIDE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 55.6 mg/l, Fish  
LC<sub>50</sub>, 48 hours: 99 mg/l, Lepomis macrochirus (Bluegill)  
LC<sub>50</sub>, 24 hours: 145 mg/l, Poecilia reticulata (Guppy)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 156 mg/l, Daphnia magna

#### Alkoxypolyethoxypolypropoxypropanol

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 13.3 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 12.3 mg/l, Daphnia magna

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### Hexahydro-hexamethyl-cyclopenta-benzopyran

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

#### Chronic aquatic toxicity

M factor (Chronic) 1

### d-LIMONENE

#### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

#### Chronic aquatic toxicity

M factor (Chronic) 1

### 12.2. Persistence and degradability

Persistence and degradability Not available.

### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

Persistence and degradability Not available.

Biodegradation - Degradation 96%: 28 days

#### 3-BUTOXYPROPAN-2-OL

Persistence and degradability Not available.

#### SODIUM HYDROXIDE

Persistence and degradability The product is expected to be biodegradable.

#### Alkoxypolyethoxypolypropoxypropanol

Persistence and degradability The product is biodegradable.

Biodegradation - Degradation 70%: 28 days

### 12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

Bioaccumulative potential Not available.

Partition coefficient log K<sub>ow</sub>: -0.43

## Coil Care

### 3-BUTOXYPROPAN-2-OL

**Bioaccumulative potential** Not available.

### SODIUM HYDROXIDE

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

**Mobility** Not known.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Mobility** Not known.

**Henry's law constant** ~ 0.0000014 atm m<sup>3</sup>/mol @ °C

### 3-BUTOXYPROPAN-2-OL

**Mobility** Not known.

### SODIUM HYDROXIDE

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

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

**Results of PBT and vPvB assessment** Not available.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Results of PBT and vPvB assessment** Not available.

### 3-BUTOXYPROPAN-2-OL

**Results of PBT and vPvB assessment** Not available.

### SODIUM HYDROXIDE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Other adverse effects** Not available.

### 3-BUTOXYPROPAN-2-OL

## Coil Care

**Other adverse effects** Not available.

### SODIUM HYDROXIDE

**Other adverse effects** Not determined.

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

<b>General information</b>	Do not puncture or incinerate, even when empty.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

#### SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

##### 14.1. UN number

<b>UN No. (ADR/RID)</b>	1950
<b>UN No. (IMDG)</b>	1950
<b>UN No. (ICAO)</b>	1950
<b>UN No. (ADN)</b>	1950

##### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	AEROSOLS
<b>Proper shipping name (IMDG)</b>	AEROSOLS
<b>Proper shipping name (ICAO)</b>	AEROSOLS
<b>Proper shipping name (ADN)</b>	AEROSOLS

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

<b>ADR/RID class</b>	2.1
<b>ADR/RID classification code</b>	5F
<b>ADR/RID label</b>	2.1
<b>IMDG class</b>	2.1
<b>ICAO class/division</b>	2.1
<b>ADN class</b>	2.1

##### Transport labels



## Coil Care

### 14.4. Packing group

ADR/RID packing group	None
IMDG packing group	None
ADN packing group	None
ICAO packing group	None

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

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

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

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010.
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision comments	Revised formulation.
Revision date	07/02/2018
Revision	5
SDS number	11539
SDS status	Approved.

## Coil Care

### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: may burst if heated.  
H280 Contains gas under pressure; may explode if heated.  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains ethyl-2,3-epoxy-3-phenylbutyrate. May produce an allergic reaction.

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.

## Annex To Safety Data Sheet: Anhydrous Sodium Hydroxide

### Description of the activities/processes covered in the Exposure Scenario

See Section 1 of the Safety Data Sheet.

### Condition of use

**Duration and frequency:** 5 workdays/week.

### Physical parameters

**Physical state:** Solid.

**Concentration of the substance in the mixture:** Raw material.

### Other operational conditions

**Other operational conditions affecting environmental exposure:** No special measures required.

### Other operational conditions affecting worker exposure:

Avoid contact with eyes.

Avoid contact with skin.

**Other operational conditions affecting consumer exposure:** Keep out of reach of children

**Other operational conditions affecting consumer exposure during the use of the product:** Not applicable

### Risk management measures

#### Worker protection

**Organisational protective measures:** No special measures required

Technical protective measures: Ensure that suitable extractors are available on processing machines

Personal protective measures:

Do not inhale dust/smoke/mist

Avoid contact with the skin

Avoid contact with the eyes

Tightly sealed goggles

Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation. The supplier has not given a recommendation for the glove material when using this product. Selection of the glove material should be made upon consideration of the penetration time, rate of diffusion and degradation.

#### Measures for consumer protection

##### Ensure adequate labelling

Keep locked up and out of reach of children.

#### Environmental protection measures

##### Water

Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.

**Disposal measures:** Disposal should be made according to official regulations.

#### Disposal procedures

Must not be disposed together with household waste. Do not allow product to reach sewage system

**Waste type:** Partially emptied and uncleaned packaging.

Exposure estimation

**Consumer:** Not relevant for this Exposure Scenario.

**Guidance for downstream users:** No further relevant information available.