

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name Euro Green Art-Flo Part A  
Product No. 409-405,409-406,409-407 Part A

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

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

Supplier PotteryCrafts Ltd.,  
Campbell Road,  
Stoke on Trent  
ST4 4ET.  
Tel 44 (0)1782 745000  
sales@potterycrafts.co.uk

#### 1.4. Emergency telephone number

+44(0)1782 745000 (Office Hours 10:00-15:30)

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification according to Regulation (EC) No 1272/2008



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.

#### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07 GHS09

Signal word - Warning

**Hazard-determining components of labelling:**

bis[4-(2,3-epoxypropoxy)phenyl]propane oxirane, mono[(C12-14-alkyloxy)methyl] derivs Reaction mass of 2, 2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and [2,2'[methylenebis(2,1-phenyleneoxymethylene)]dioxirane

Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

**Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

**Additional information:**

EUH205 Contains epoxy constituents. May produce an allergic reaction

**2.3. Other hazards**

Results of PBT and vPvB assessment      PBT: Not applicable.      vPvB: Not applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

Description: Mixture of substances listed below with non-hazardous additions.

· Dangerous components:		
CAS: 1675-54-3 EINECS: 216-823-5 Reg.nr.: 01-2119456619-26	bis[4-(2,3-epoxypropoxy)phenyl]propane	75-100%
	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Eye Irrit. 2; H319: C 5 %      Skin Irrit. 2; H315: C 5 %	
CAS: 68609-97-2 EINECS: 271-846-8 Reg.nr.: 01-2119485289-22	oxirane, mono[(C12-14-alkyloxy)methyl] derivs	10-25%
	Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 9003-36-5 EC number: 701-263-0 Reg.nr.: 01-2119454392-40	Reaction mass of 2, 2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	5-<10%
	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH205	

CAS: 41556-26-7	Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	0.1-<0.25%
	Aquatic Acute 1, H400; Skin Sens. 1, H317	

### Additional information

For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

#### **General information**

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.

#### **Ingestion**

A person vomiting while laying on their back should be turned onto their side.

If swallowed, rinse mouth with water (only if the person is conscious).

Do not induce vomiting; call for medical help immediately.

#### **Skin contact**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

#### **Eye contact**

Rinse opened eye for several minutes under running water. Then consult a 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: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

#### **Suitable extinguishing agents**

CO<sub>2</sub>, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents  
Water with full jet

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

In case of fire, the following can be released

Carbon monoxide (CO)    carbon dioxide                    toxic fume

### 5.3. Advice for firefighters

Protective equipment

Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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.

Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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

**Requirements to be met by storerooms and receptacles:**

Keep container tightly closed and dry and storage in a good, ventilated room.

Storage temperature: 20 - 25 °C.

**Information about storage in one common storage facility:**

Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

Store away from foodstuffs.

### Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

Storage class: 10

### 7.3. Specific end use(s)

General remark For processing instructions see data sheet

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

	DNEL Long-term exposure - systemic effects	12.25 mg/m <sup>3</sup> (workers)
<p>· <b>Ingredients with limit values that require monitoring at the workplace:</b>  <b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>  <b>MAK (Germany)   vgl. Abschn. IIb</b>          · DNELs  <b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b></p>		
DNEL Acute - systemic effects	0.5 mg/kg bw/day (General population)	
DNEL Long-term - systemic effects	0.0893 mg/kg bw/day (General population) 0.75 mg/kg bw/day (workers)	
DNEL Long-term - systemic effects	0.87 mg/m <sup>3</sup> (General population) 4.93 mg/m <sup>3</sup> (workers)	
<b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>		
Oral	DNEL Acute - systemic effects	1.219 mg/kg bw/day (General population)
	DNEL Long-term - systemic effects	1 mg/kg bw/day (General population)
Dermal	DNEL Acute - systemic effects	10 mg/kg bw/day (General population) 17 mg/kg bw/day (workers)
	DNEL Long-term - systemic effects	2.35 mg/kg bw/day (General population) 3.9 mg/kg bw/day (workers)
Inhalative	DNEL Acute - systemic effects	7.6 mg/m <sup>3</sup> (General population) 29 mg/m <sup>3</sup> (workers)
	DNEL Long-term - systemic effects	4.1 mg/m <sup>3</sup> (General population) 13.8 mg/m <sup>3</sup> (workers)
<b>9003-36-5 Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane</b>		
Dermal	DNEL	104.15 mg/kg/d (workers)
Inhalative	DNEL	29.39 mg//m <sup>3</sup> (workers)
· PNECs		
<b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>		
PNEC STP	10 mg/L (sewage plant)	
PNEC sediment	0.341 mg/kg (freshwater- sediment)	
	0.034 mg/kg (seawater- sediment)	
PNEC soil	0.065 mg/kg (soil ( Boden))	
PNEC	0.006 mg/l (freshwater)	
	0.001 mg/l (marine water)	

PNEC Secondary poisoning	11 mg/kg (food)
<b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
PNEC	66.77 mg/kg (freshwater- sediment) 6.677 mg/kg (seawater - sediment) 80.12 mg/kg (soil ( Boden))
PNEC	0.0072 mg/l (freshwater) 0.00072 mg/l (marine water) 0.072 mg/l (intermittent releases)

**Additional information:** The lists valid during the making were used as basis.

## 8.2. Exposure controls

### Protective equipment

**Individual protection measures, such as personal protective equipment, 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.

### Respiratory equipment

Unless the exposure levels below the established exposure limits remain is no respiratory protection is required. Where exposures exceed the established exposure limits, respiratory protection to the material and the degree of exposure is recommended accordingly.

A respiratory protection unit offers the same eye and face protection.

The cutting, grinding or sanding of parts after curing can result in respirable dust. Wearing appropriate for this dust respirators may be necessary.

In inadequately ventilated places and during spraying respirator necessary. Recommended to be fresh-air mask or filter combination for short-term work A2-P2\_



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. Not necessary if room is well-ventilated.

### Hand protection

When handling chemical products, before chemical resistant, carried impervious gloves complying with an approved standard be if a risk assessment indicates this is necessary.

Gloves approved to relevant standards as EN 374 (Europe) and F739 (U.S.)

tested gloves are used. Suitability and durability of a Glove is dependent on usage, for example frequency and duration of contact, chemical resistance of glove material and dexterity Always seek advice from glove suppliers. Preventive skin protection (3-point program) required.



**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 cannot be calculated in advance and has therefore to be checked prior to the application.

## Penetration time of glove material

Suitable materials for protective gloves, EN 374-3:

Polychloroprene - CR: thickness > = 0.5 mm, breakthrough time > = 480 min.

NBR - NBR: thickness > = 0,35 mm, Breakthrough time > = 480 min.

Butyl rubber - IIR: thickness > = 0.5 mm, breakthrough time > = 480 min.

Fluorine rubber - FKM: thickness > = 0.4 mm; breakthrough time > = 480 min. Recommendation:

Dispose of contaminated gloves ..

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Not suitable are gloves made of the following materials: Leather gloves**

**Strong material gloves**

## Eye protection



Tightly sealed goggles

## Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

## Engineering measures

No further data; see item 7.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

#### Physical state

Colour:

Fluid

Odour:

light purple

Odour threshold:

Characteristic

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range

Undetermined

> 320 °C (1675-54-3 bis[4-(2,3-epoxypropoxy) phenyl]propane)

Flammability

Not applicable

Lower and upper explosion limit

Lower:

Not determined

Upper:

Not determined

Flash point: 140 °C (68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs)

Auto-ignition temperature:

Product is not self-igniting

Decomposition temperature:

Not determined

pH

Not determined

Viscosity:

Kinematic viscosity

Not determined

Dynamic at 20 °C:	1,250 mPas
Solubility	
Water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	
	<0.3 hPa (68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs)
Density and/or relative density	
Density at 20 °C:	1.1 g/cm <sup>3</sup>
Relative density	Not determined
Vapour density	Not determined

## 9.2. Other information

### Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Explosive properties: Product does not present an explosion hazard.

Solvent content:

Organic solvents: 0.0 %

VOC (EC) 0.5 g/l

Change in condition

Evaporation rate Not determined

Information regarding physical hazard classes

Explosives Void

Flammable gases Void

Aerosols Void

Oxidising gases Void

Gases under pressure Void

Flammable liquids Void

Flammable solids Void

Self-reactive substances and mixtures Void

Pyrophoric liquids Void

Pyrophoric solids Void

Self-heating substances and mixtures Void

Substances and mixtures, which emit flammable gases in contact with water Void

Oxidising liquids Void

Oxidising solids Void

Organic peroxides Void

Corrosive to metals Void

Desensitised explosives Void

## 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

Exothermic polymerisation. Reacts with acids, alkalis, and oxidising agents.

Reacts with amines

#### 10.4. Conditions to avoid

Moisture. Heat, open flames and other ignition sources. With contaminated pipes and tanks or corroded or rusty containers may lead to increased formation of hydrogen. Detail in section 7.

#### 10.5. Incompatible materials

Incompatible with oxidizing agents, acids

#### 10.6. Hazardous decomposition products

If handled accordingly no products of decomposition.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Acute toxicity

· LD/LC50 values relevant for classification:		
<b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>		
Oral	LD50	15,000 mg/kg (rat)
Dermal	LD50	23,000 mg/kg (rabbit)
<b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>		
Dermal	LD50	>10,000 mg/kg (rat)
<b>9003-36-5 Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane</b>		
Oral	LD50	10,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

#### 11.2 Information on other hazards

· Endocrine disrupting properties		
1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	List II
9003-36-5	Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	List II

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

· Aquatic toxicity:	
<b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>	
LC50 (96 h)	2 mg/l (Oncorhynchus mykiss)
EC50 (48 h)	1.8 mg/l (Daphnia Magna)
ErC50/72h	11 mg/l (Algae)
<b>68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
LC50 (96 h)	1-10 mg/l (Leuciscus)
EC50 (48 h)	1-10 mg/l (D)

41556-26-7 Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

LC50 (96 h) 0.97 mg/l (F)

EC50 (24h) 20 mg/l (D)

### 12.2. Persistence and degradability

No further relevant information available

Other information: Elimination by adsorption onto activated sludge.

### 12.3. Bioaccumulative potential

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available

### 12.5. Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

### 12.6. Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

### 12.7. Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes: Harmful to aquatic organisms

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.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Recommendation

Dispose in accordance with applicable international, national, and local laws, ordinances, and statutes. For disposal within the EC, the appropriate waste code according to the European Waste Catalogue (EWC) should be used.

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.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

ADR, IMDG, IATA UN3082

### 14.2 UN proper shipping name

ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3epoxypropoxy)phenyl]propane, oxirane, mono[(C12-14-alkyloxy)methyl] derivs, Reaction mass of 2, 2'-[methylene bis(4, 1-phenyleneoxymethylene)]dioxirane and [2-{2-[4-

(oxiran-2-ylmethoxy)benzyl] phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1phenyleneoxymethylene)]dioxirane)

**IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3epoxypropoxy)phenyl]propane, oxirane, mono[(C12-14-alkyloxy)methyl] derivs, Reaction mass of 2, 2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl] phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1phenyleneoxymethylene)]dioxirane), MARINE POLLUTANT

**IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3epoxypropoxy)phenyl]propane, oxirane, mono[(C12-14-alkyloxy)methyl] derivs, Reaction mass of 2, 2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl] phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1phenyleneoxymethylene)]dioxirane)

### 14.3. Transport hazard class(es)



**ADR**

**Class** 9 (M6) Miscellaneous dangerous substances and articles.

**Label** 9



**IMDG, IATA**

**Class** 9 Miscellaneous dangerous substances and articles.

**Label** 9

### 14.4. Packing group

ADR, IMDG, IATA III

### 14.5. Environmental hazards

Product contains environmentally hazardous substances:

Bis(1,2,2,6,6-pentamethyl-4piperidyl)sebacate

**Marine pollutant:** 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 MARPOL73/78 and the IBC Code

**IMO instruments** Not applicable

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)** 5L

**Excepted quantities (EQ) Code:** E1

**Maximum net quantity per inner packaging:** 30 ml

**Maximum net quantity per outer packaging:** 1000 ml

**Transport category** 3

Tunnel restriction code (-)

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BIS[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, OXIRANE, MONO[(C12-14-ALKYLOXY) METHYL] DERIVS, REACTION MASS OF 2,2'-[METHYLENEBIS(4,1-PHENYLENEOXYMETHYLENE)]DIOXIRANE AND [2-({2-[4-(OXIRAN-2-YLMETHOXY) BENZYL] PHENOXY} METHYL) OXIRANE AND [2,2'-[METHYLENEBIS(2,1-PHENYLENEOXYMETHYLENE)]DIOXIRANE), 9, III

## SECTION 15: REGULATORY INFORMATION

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

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS07 GHS09

#### Signal word

Warning

#### Hazard-determining components of labelling:

bis[4-(2,3-epoxypropoxy)phenyl]propane oxirane, mono[(C12-14-alkyloxy)methyl] derivs  
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({2-[4-(oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane and [2,2'[methylenebis(2,1-phenyleneoxymethylene)]dioxirane  
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

#### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P273

Avoid release to the environment.

P280

Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

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 · National regulations:

· Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

## **SECTION 16: OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

Recommended restriction of use

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the new material produced in this way.

UFI code is valid in: Germany Northern Ireland

- Department issuing SDS: environment protection department
- Contact: 01782 745000 Office Hours 08:30-17:00 hrs Mondays-Thursday 8:30-15:30 Friday
- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

\* Data compared to the previous version altered.

<b><u>Issued By</u></b>	Product Regulations Dept
<b><u>Revision Date</u></b>	06/02/29
<b><u>Revision</u></b>	4
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