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

- **1.1 Product identifier**
- **Creation date version 1** 31.08.2022
- **Trade name** Euro Green Art - Flo (Fast)
- **Article number:** E1647
- **Utilization of the substance of the formulation:** Hardener for epoxi resin
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Europol  
9 Birchills Trading Estate  
Emery Road, Brislington Bristol BS4 5PF  
Tel. +00 (44) 1179 715 500  
e-mail: sales@europoluk.com
- **Further information obtainable from:** environment protection department
- **1.4 Emergency telephone number:**  
During normal opening times (7 am - 5 pm )  
phone : +00 (44) 117 9715 500  
Members of the public seeking specific information on poisons should contact:  
In England and Wales: NHS 111 - dial 111  
In Scotland: NHS 24 - dial 111

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.  
Eye Dam. 1      H318 Causes serious eye damage.



environment

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



Acute Tox. 4      H302 Harmful if swallowed.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.

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## Safety data sheet

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### · Hazard pictograms



GHS05 GHS07 GHS09

### · Signal word Danger

### · Hazard-determining components of labelling:

Polyetheramin

Poly(oxypropylene)diamine

### · Hazard statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H411 Toxic to aquatic life with long lasting effects.

### · Precautionary statements

P260 Do not breathe dusts or mists.

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.

P321 Specific treatment (see on this label).

P405 Store locked up.

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

### · 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 nonhazardous additions.

### · Dangerous components:

CAS: 39423-51-3 Reg.nr.: 01-2119556886-20-xxxx	Polyetheramin Eye Dam. 1, H318; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Acute Tox. 4, H312	25-50%
CAS: 9046-10-0 EC number: 618-561-0 Reg.nr.: 01-2119557899-12-xxxx	Poly(oxypropylene)diamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 2, H411	25-50%
CAS: 25265-71-8 EINECS: 246-770-3	Dipropylene glycol (isomer unspecified) substance with a Community workplace exposure limit	10-25%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

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### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

#### · **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

#### · **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### · **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### · **After swallowing:**

Call for a doctor immediately.

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

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

Do not induce vomiting; call for medical help immediately.

#### · 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 in the full ray

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

In case of fire, the following can be released:

Nitrogen oxides (NO<sub>x</sub>)

carbon dioxide

Carbon monoxide (CO)

#### · 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

#### · **Additional information**

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

### SECTION 6: Accidental release measures

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

Wear protective clothing.

#### · 6.2 Environmental precautions: 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).

Use neutralising agent.

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.

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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**
- **Storage:**
- **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:** Keep container tightly sealed.
- **Storage class:** 8 A
- **7.3 Denomination of Origin** Made in Germany
- **Processing information** Homogenize content before use
- **General remark** For processing instructions see data sheet

## SECTION 8: Exposure controls/personal protection

### · 8.1 Control parameters

#### · **Ingredients with limit values that require monitoring at the workplace:**

**25265-71-8 Dipropylene glycol (isomer unspecified)**

AGW (Germany)	Long-term value: 100 E mg/m <sup>3</sup> 2(II);DFG, Y, 11
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#### · **DNELs**

**39423-51-3 Polyetheramin**

Dermal	DNEL Long-term - systemic effects	1.6 mg/kg bw/day (workers)
Inhalative	DNEL Long-term - systemic effects	14.1 mg/m <sup>3</sup> (workers)

**9046-10-0 Poly(oxypropylene)diamine**

Dermal	DNEL Long-term - systemic effects	2.5 mg/kg (workers)
Inhalative	DNEL Long-term - systemic effects	5.29 mg/m <sup>3</sup> (workers)

**25265-71-8 Dipropylene glycol (isomer unspecified)**

Oral	DNEL Long-term - systemic effects	24 mg/kg bw/day (General population)
Dermal	DNEL Long-term - systemic effects	51 mg/kg bw/day (General population) 84 mg/kg bw/day (workers)
Inhalative	DNEL Long-term - systemic effects	70 mg/m <sup>3</sup> (General population) 238 mg/m <sup>3</sup> (workers)

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· <b>PNECs</b>	
<b>39423-51-3 Polyetheramin</b>	
PNEC STP	10 mg/L (sewage plant)
PNEC sediment	0.02 mg/kg (freshwater- sediment) 0.002 mg/kg (seawater - sediment)
PNEC soil	0.002 mg/kg (soil ( Boden))
PNEC	0.004 mg/l (freshwater) 0.00044 mg/l (marine water) 0.044 mg/l (intermittent releases)
<b>9046-10-0 Poly(oxypropylene)diamine</b>	
PNEC STP	7.5 mg/L (sewage plant)
PNEC sediment	0.132 mg/kg (freshwater- sediment) 0.125 mg/kg (seawater - sediment)
PNEC soil	0.0176 mg/kg (soil ( Boden))
PNEC	0.015 mg/l (freshwater) 0.0142 mg/l (marine water) 0.15 mg/l (intermittent releases)
PNEC Secondary poisoning	6.93 mg/kg (food)
<b>25265-71-8 Dipropylene glycol (isomer unspecified)</b>	
PNEC STP	1,000 mg/L (sewage plant)
PNEC sediment	0.238 mg/kg (freshwater- sediment) 0.024 mg/kg (seawater - sediment)
PNEC soil	0.025 mg/kg (soil ( Boden))
PNEC	0.1 mg/l (freshwater) 0.01 mg/l (marine water) 1 mg/l (intermittent releases)
PNEC Secondary poisoning	313 mg/kg (food)

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

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **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 protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Not necessary if room is well-ventilated.

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### · Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### · Penetration time of glove material

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

### · Eye/face protection



Tightly sealed goggles

### · Body protection: Protective work clothing

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## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Physical state

Fluid

#### · Colour:

Blue

#### · Odour:

Characteristic

#### · Odour threshold:

Not determined.

#### · Melting point/freezing point:

Undetermined.

#### · Boiling point or initial boiling point and boiling range

227 °C (25265-71-8 Dipropylene glycol (isomer unspecified))

#### · Flammability

Not applicable.

#### · Lower and upper explosion limit

#### · Lower:

0.7 Vol % (9046-10-0 Poly(oxypropylene) diamine)

#### · Upper:

12.6 Vol % (25265-71-8 Dipropylene glycol (isomer unspecified))

#### · Flash point:

128 °C (9046-10-0 Poly(oxypropylene)diamine)

#### · Auto-ignition temperature:

230 °C

#### · Decomposition temperature:

Not determined.

#### · pH

Not determined.

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· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Insoluble.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	6.8 hPa (39423-51-3 Polyetheramin)
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.965 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

### · 9.2 Other information

· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	0.0 g/l
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

### · Information with regard to physical hazard classes

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**  
 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:** No further relevant information available.
- **10.6 Hazardous decomposition products:** if handled accordingly no products of decomposition.

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## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful if swallowed.

- **LD/LC50 values relevant for classification:**

### 39423-51-3 Polyetheramin

Oral	LD50	550 mg/kg (rat) (OECD 425 Acute Oral Toxicity: Up-and-Down Procedure)
Dermal	LD50	>1,000 mg/kg (rat) (OECD 402 Acute Dermal Toxicity)

### 9046-10-0 Poly(oxypropylene)diamine

Oral	LD50	2,885 mg/kg (rat) (OECD 401 Acute Oral Toxicity)
Dermal	LD50	2,980 mg/kg (rabbit) (OECD 402 Acute Dermal Toxicity)
Inhalative	LC 50	>0.74 mg/l (rat)
	LC50 (8h)	>0.74 mg/l (rat)

### 25265-71-8 Dipropylene glycol (isomer unspecified)

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,010 mg/kg (rat)

- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

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## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

### 39423-51-3 Polyetheramin

LC50 (96 h) (static)	>100 mg/l ( <i>Oncorhynchus mykiss</i> ) (OECD 203 Fish, Acute Toxicity Test)
EC50 (48 h) (static)	13 mg/l ( <i>Daphnia Magna</i> ) (OECD 202 <i>Daphnia</i> sp. Acute Immobilisation Test)
EC50 (72 h)	4.4 mg/l ( <i>Pseudokirchnerella Subcapitata</i> ) (OECD 201 Alga, Growth Inhibition Test)

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EC50 (0,5h)	1,000 mg/l (activated sludge) (OECD209Activated Sludge,Respiration Inhibition Test)
NOEC/72h (static)	1 mg/l (Selenastrum cpricornutum (Grünalge)) (OECD 201 Alga, Growth Inhibition Test)
ErC50/72h (static)	4.4 mg/l (Selenastrum cpricornutum (Grünalge)) (OECD 201 Alga, Growth Inhibition Test)

## 9046-10-0 Poly(oxypropylene)diamine

LC50 (96 h) (static)	772.14 mg/l (F) (OECD 203 Fish, Acute Toxicity Test) >15 mg/l (Oncorhynchus mykiss) (OECD 203 Fish, Acute Toxicity Test)
EC50 (48 h)	418.34 mg/l (Acartia tonsa) 80 mg/l (Daphnia Magna) (OECD 202 Daphnia sp. Acute Immobilisation Test)
EC50 (72 h)	15 mg/l (Pseudokirchnerella Subcapitata) (OECD 201 Alga, Growth Inhibition Test) 141.72 mg/l (Skeletonema costatum)
EC10 (72h)	1.4 mg/l (Pseudokirchnerella Subcapitata) (OECD 201 Alga, Growth Inhibition Test)
NOEC/72h	100 mg/l (Skeletonema costatum) 0.32 mg/l (algae) (OECD 201 Alga, Growth Inhibition Test)

## 25265-71-8 Dipropylene glycol (isomer unspecified)

LC50 (96 h)	>100 mg/l (Leuciscus)
EC50 (48 h)	>100 mg/l (Daphnia Magna)

- **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**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
Toxic for aquatic organisms  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Also poisonous for fish and plankton in water bodies.  
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.

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation  
Must not be disposed together with household garbage. Do not empty into drains.  
In an appropriate facility or burn in an approved landfill  
Dispose. All applicable local and national or regional rules.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

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SECTION 14: Transport information

· 14.1 UN number or ID number	UN2735
· ADR, IMDG, IATA	
· 14.2 UN proper shipping name	2735 AMINES, LIQUID, CORROSIVE, N.O.S.
· ADR	( Poly( oxypropylene) diamine ),
	ENVIRONMENTALLY HAZARDOUS
· IMDG, IATA	AMINES, LIQUID, CORROSIVE, N.O.S.
	(Poly(oxypropylene)diamine)
· 14.3 Transport hazard class(es)	
· ADR	
	
· Class	8 (C7) Corrosive substances.
· Label	8
· IMDG	
	
· Class	8 Corrosive substances.
· Label	8
· IATA	
	
· Class	8 Corrosive substances.
· Label	8

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· <b>14.4 Packing group</b>	III
· <b>ADR, IMDG, IATA</b>	
· <b>14.5 Environmental hazards:</b>	Product contains environmentally hazardous substances: Polyetheramin
· <b>Marine pollutant:</b>	Symbol (fish and tree)
· <b>Special marking (ADR):</b>	Symbol (fish and tree)
· <b>14.6 Special precautions for user</b>	Warning: Corrosive substances.
· <b>Hazard identification number (Kemler code):</b>	80
· <b>EMS Number:</b>	F-A,S-B
· <b>Segregation groups</b>	(SGG18) Alkalis
· <b>Stowage Category</b>	A
· <b>Segregation Code</b>	SG35 Stow "separated from" SGG1-acids
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b>	3
· <b>Tunnel restriction code</b>	E
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (POLY(OXYPROPYLENE)DIAMINE), 8, III, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

#### · **Regulated explosives precursors**

None of the ingredients is listed.

#### · **Regulated poisons**

None of the ingredients is listed.

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#### · Reportable explosives precursors

None of the ingredients is listed.

#### · Reportable poisons

None of the ingredients is listed.

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

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

#### · Hazard pictograms



GHS05 GHS07 GHS09

#### · Signal word Danger

#### · Hazard-determining components of labelling:

Polyetheramin

Poly(oxypropylene)diamine

#### · Hazard statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H411 Toxic to aquatic life with long lasting effects.

#### · Precautionary statements

P260 Do not breathe dusts or mists.

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.

P321 Specific treatment (see on this label).

P405 Store locked up.

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:

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

#### · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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### 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

H302 Harmful if swallowed.

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*H312 Harmful in contact with skin.*

*H314 Causes severe skin burns and eye damage.*

*H318 Causes serious eye damage.*

*H411 Toxic to aquatic life with long lasting effects.*

· **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, can not be transferred to the new material produced in this way.*

*UFI code is valid in:*

*Germany*

*Finland*

*Romania*

*Greece*

*Italy*

*Slovenia*

*Netherlands*

*Austria*

*Poland*

*France*

*Spain*

*Portugal*

· **Department issuing SDS:** *environment protection department*

· **Contact:** *Clayton Whitta tel 00 (44) 117 9715 500*

· **Abbreviations and acronyms:**

*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 (UK REACH)*

*PNEC: Predicted No-Effect Concentration (UK REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity – Category 4*

*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

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

· **\* Data compared to the previous version altered.**