

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation

(EU) No. 453/2010

BCED Líquido concentrado componente A

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

1.1 Product identifier

Product name : BCED Líquido concentrado componente A

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

Product use Coverings Resin Systems

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: : TOPCRET TECNOLOGIA EN REVESTIMIENTOS S.L.
Gran Vía de Les Corts Catalanes, 828
08013 Barcelona - España**Telephone** : +34 932 741 208**Contact Person** : info@topcret.com

1.4 Emergency telephone number

Toxicological Information Medical Service 91 562 04 20

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Skin irritation	Category 2	---	H315

Skin sensitisation	Category 1	---	H317
Eye irritation	Category 2	---	H319
Long-term (chronic) aquatic hazard	Category 2	---	H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.
 Physical and chemical hazards : See section 9/10 for physicochemical information.
 Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols : 

Signal word : Warning

Hazard statements : H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : P273 Avoid release to the environment.
 P280 Wear protective gloves/ eye protection/ face protection.

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

Disposal : P501 Dispose of contents/ container in accordance with the local/regional/international regulations.

Hazardous components which must be listed on the label:

- bis[4-(2,3-epoxypropoxy)phenyl]propane
- Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)
- oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components		Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
bis[4-(2,3-epoxypropoxy)phenyl]propane			
Index-No.	: 603-073-00-2	>= 50 - <= 75	Eye Irrit.2
CAS-No.	: 1675-54-3		H319
EC-No.	: 216-823-5		Skin Irrit.2
EU REACH-Reg. No.	: 01-2119456619-26-xxxx		Skin Sens.1
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)			
CAS-No.	: 9003-36-5	>= 10 - <= 25	Aquatic Chronic2
EC-No.	: 500-006-8		H315
EU REACH-Reg. No.	: 01-2119454392-40-xxxx		H317
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.			
Index-No.	: 603-103-00-4	>= 10 - <= 25	H411
CAS-No.	: 68609-97-2		H315
EC-No.	: 271-846-8		Skin Irrit.2
EU REACH-Reg. No.	: 01-2119485289-22-xxxx		Skin Sens.1

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth

resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie or belt.

In case of skin contact : Wash off immediately with soap and plenty of water. Take off contaminated clothing and shoes immediately. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Seek medical advice. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse.

In case of eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If easy to do, remove contact lens, if worn. Continue to rinse for at least 10 minutes. Seek medical advice.

If swallowed : Wash out mouth with water. Remove dentures, if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie or belt.

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

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.

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

Treatment : Treat symptomatically.
 No further information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media suitable for surrounding environment. Water spray, Fog, Foam

Unsuitable extinguishing media : Water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : In a fire or if heated, a pressure increase will occur and the container may burst. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Hazardous decomposition products, Carbon monoxide, Carbon dioxide (CO₂), Halogenated compounds

5.3. Advice for firefighters

Special protective equipment for firefighters : Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Further advice : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate personnel to safe areas. Keep unnecessary and unprotected personnel from entering the area. Do not touch or walk through spilled material. Avoid inhalation of vapour or mist. Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection. Wear personal protective equipment.

6.2. Environmental precautions

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Stop the leakage if it can be done without danger. Dilute with water and mop up if water soluble. Dispose of as special waste in compliance with local and national regulations.

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not ingest. Avoid inhalation of vapour or mist. Keep container closed when not in use.

Hygiene measures : Take off contaminated clothing and shoes immediately. Wash hands before breaks and at the end of workday. Smoking, eating and drinking should be prohibited in the application area.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep away from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

7.3. Specific end use(s)

Specific use(s) : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Occupational Exposure Limit Values		
(Additional) Information	: Contains no substances with occupational exposure limit values.	
Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)		

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	12,3 mg/m3
DNEL		
Workers, Acute - systemic effects, Inhalation	:	12,3 mg/m3
DNEL		
Workers, Long-term - systemic effects, Skin contact	:	8,3 mg/kg bw/day
DNEL		
Workers, Acute - systemic effects, Skin contact	:	8,3 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	0,75 mg/m3
DNEL		
Consumers, Long-term - systemic effects, Skin contact	:	3,6 mg/kg bw/day
DNEL		

Consumers, Long-term - systemic effects, Ingestion : 0,75 mg/kg bw/day

DNEL

Consumers, Acute - systemic effects, Skin contact : 3,6 mg/kg bw/day

DNEL

Consumers, Acute - systemic effects, Inhalation : 0,75 mg/m³

DNEL

Consumers, Acute - systemic effects, Ingestion : 0,75 mg/kg bw/day

Predicted No Effect Concentration (PNEC)
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Fresh water : 3 µg/L

Marine water : 0,3 µg/L

Intermittent releases : 0,013 mg/l

Sewage treatment plant (STP) : 10 mg/l

Fresh water sediment : 0,5 mg/kg dry weight (d.w.)

Marine sediment : 0,5 mg/kg dry weight (d.w.)

Soil : 0,05 mg/kg dry weight (d.w.)

Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
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Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)
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DNEL

Workers, Acute - local effects, Skin contact : 0,0083 mg/cm²

DNEL

Workers, Long-term - systemic effects, Skin contact : 104,15 mg/kg bw/day

DNEL

Workers, Long-term - systemic effects, Inhalation : 29,39 mg/m³

DNEL

Consumers, Long-term - systemic effects, Skin contact : 62,5 mg/kg bw/day

DNEL

Consumers, Long-term - systemic effects, Inhalation : 8,7 mg/m³

DNEL

Consumers, Long-term - systemic effects, Ingestion : 6,25 mg/kg bw/day

Predicted No Effect Concentration (PNEC)		
Fresh water	:	0,003 mg/l
Marine water	:	0,0003 mg/l
Sewage treatment plant (STP)	:	10 mg/l
Fresh water sediment	:	0,294 mg/kg dry weight (d.w.)
Marine sediment	:	0,0294 mg/kg dry weight (d.w.)
Soil	:	0,237 mg/kg dry weight (d.w.)
Intermittent releases	:	0,0254 mg/l
Component: oxirane, mono[(C12-14-alkyloxy)methyl] derivs. CAS-No. 68609-97-2		
Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)		

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	3,6 mg/m3
DNEL		
Workers, Long-term - systemic effects, Skin contact	:	1 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	0,87 mg/m3
DNEL		
Consumers, Long-term - systemic effects, Skin contact	:	0,5 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Ingestion	:	0,5 mg/kg bw/day

Predicted No Effect Concentration (PNEC)		
Fresh water	:	0,0072 mg/l
Marine water	:	0,00072 mg/l
Intermittent releases	:	0,072 mg/l
Sewage treatment plant (STP)	:	10 mg/l
Fresh water sediment	:	307,16 mg/kg d.w.

Marine sediment : 30,72 mg/kg d.w.

8.2. Exposure controls

Personal protective equipment

Respiratory protection

Advice : When respiratory protection is required, use an approved air-purifying or positive pressure supplied-air respirator depending on the potential airborne concentration.

Hand protection

Advice : Chemical resistant gloves according to EN 374.

Eye protection

Advice : Safety glasses with side-shields conforming to EN166

Skin and body protection

Advice : Wear suitable protective clothing.

Environmental exposure controls

General advice : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	: liquid
Colour	: no data available
Odour	: no data available
Odour Threshold	: no data available
pH	: no data available
Freezing point	: no data available
Boiling point	: no data available
Flash point	: no data available

Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: no data available
Solubility/qualitative	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: no data available
Explosivity	: no data available
Oxidizing properties	: no data available

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : No information available.

10.2. Chemical stability

Advice : No decomposition if stored and applied as directed.
No further information available.

10.3. Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4. Conditions to avoid

Conditions to avoid : Keep away from direct sunlight.

10.5. Incompatible materials

Materials to avoid : No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced. Fire may cause evolution of: Carbon dioxide (CO₂), Carbon monoxide, Halogenated compounds

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Data for the product	
Acute toxicity	
Oral	
Please find this information in the listing of the component/components below in this section.	
Inhalation	
Please find this information in the listing of the component/components below in this section.	
Dermal	
Please find this information in the listing of the component/components below in this section.	
Irritation	
Skin	
Result	: Causes skin irritation.
Eyes	
Result	: Causes serious eye irritation.
Sensitisation	
Result	: May cause an allergic skin reaction.
CMR effects	
CMR Properties	
Carcinogenicity	: no data available
Mutagenicity	: no data available
Reproductive toxicity	: no data available
Specific Target Organ Toxicity	

Single exposure		
no data available		
Repeated exposure		
no data available		
Other toxic properties		
Repeated dose toxicity		
no data available		
Aspiration hazard		
no data available		
Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
Acute toxicity		
Oral		
LD50	:	>2000 mg/kg body weight(Rat) (OECD Test Guideline 420)
Inhalation		
Due to the product's physical characteristics, no suitable testing procedure is available.		
Dermal		
LD50	:	2000 mg/kg (Rat) (OECD Test Guideline 402)
LD50	:	> 2000 mg/kg (Rabbit) (OECD Test Guideline 402)
Irritation		
Skin		
Result	:	Causes skin irritation. (Rabbit)
Eyes		
Result	:	Causes serious eye irritation. (Rabbit)
Sensitisation		

Result : (Guinea pig; May cause an allergic skin reaction.) (OECD Test Guideline 406)

Specific Target Organ Toxicity

Single exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
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Acute toxicity

Oral

LD50 Oral : > 2000 mg/kg (Rat)

Inhalation

no data available

Dermal

no data available

Irritation

Skin

Result : Causes skin irritation.

Eyes

Result : no data available

Sensitisation

Result : May cause an allergic skin reaction.

Specific Target Organ Toxicity

Single exposure		
Remarks	:	no data available
Repeated exposure		
Remarks	:	no data available
Component:	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS-No. 68609-97-2
Acute toxicity		
Oral		
LD50	:	17100 mg/kg (Rat)
Inhalation		
(7 h; vapour) No mortality within the stated exposition time as shown in animal studies.		
Dermal		
No known significant effects or critical hazards.		
Irritation		
Skin		
Result	:	Skin irritation (24 h) (OECD Test Guideline 404)
Eyes		
Result	:	Mild eye irritation (OECD - Guideline 405)Not classified
Sensitisation		
Result	:	Causes sensitisation. (Guinea pig) (Buehler Test)
Specific Target Organ Toxicity		
Single exposure		
Remarks	:	No known significant effects or critical hazards.
Repeated exposure		

Remarks : No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1. Toxicity

Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
Acute toxicity		
Fish		
LC50	:	1,3 mg/l (fish; 96 h)
Toxicity to daphnia and other aquatic invertebrates		
EC50	:	2,1 mg/l (Daphnia (water flea); 48 h) (Reproduction Test)Immobilization
algae		
LC50	:	11 mg/l (algae; 72 h)
Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
Acute toxicity		
Fish		
LC50	:	2,54 mg/l (fish; 96 h)
Toxicity to daphnia and other aquatic invertebrates		
EC50	:	2,55 mg/l (Daphnia (water flea); 48 h) (Immobilization; OECD Test Guideline 202)
algae		
EC50	:	> 1000 mg/l (algae; 72 h) (End point: Growth rate; OECD Test Guideline 201)

Component:	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS-No. 68609-97-2
Acute toxicity		
Fish		
LC50	: > 1.800 mg/l (Oncorhynchus mykiss (rainbow trout); 96 h) (static test; OECD Test Guideline 203)	
Toxicity to daphnia and other aquatic invertebrates		
EC50	: 7,2 mg/l (Daphnia (water flea); 48 h) (OECD Test Guideline 202)	
algae		
EC50	: 844 mg/l (algae; 72 h) (OECD Test Guideline 201)	

12.2. Persistence and degradability

Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
Persistence and degradability		
Biodegradability		
Result	: 5 % (Exposure Time: 28 d)(OECD Test Guideline 301F)Not readily biodegradable.	
Result	: 6 - 12 % (Exposure Time: 28 d)(OECD Test Guideline 301B)Not readily biodegradable.	
Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
Persistence and degradability		
Biodegradability		
Result	: Not readily biodegradable.Information given is based on data obtained from similar substances.	
Component:	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS-No. 68609-97-2
Persistence and degradability		
Biodegradability		
Result	: 30 - 31 % (aerobic; activated sludge; 100 mg/l; Related to: Biochemical oxygen demand; Exposure Time: 7 d)(OECD Test Guideline 301F)	
Result	: 57 - 65 % (aerobic; activated sludge; 100 mg/l; Related to:	

Result : Biochemical oxygen demand; Exposure Time: 14 d)(OECD Test Guideline 301F)
 : 85 - 89 % (aerobic; activated sludge; 100 mg/l; Related to:
 Result : Biochemical oxygen demand; Exposure Time: 28 d)(OECD Test Guideline 301F)
 : 34,7 % (aerobic; 2 mg/l; Exposure Time: 28 d)(OECD Test Guideline 301D)Not readily biodegradable.

12.3. Bioaccumulative potential

Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
Bioaccumulation		

Result : log Kow 2,64 - 3,78
 : BCF: 3 - 31;

Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
Bioaccumulation		

Result : log Kow 3,3
 : BCF: 150; Bioaccumulation is expected.

Component:	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS-No. 68609-97-2
Bioaccumulation		

Result : log Kow 3,77 (20 °C) (OECD Test Guideline 107)
 : BCF: 160 - 203; (QSAR)The product has low potential bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Data for the product
Results of PBT and vPvB assessment

Result : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product	: Dispose of in accordance with local regulations.
Contaminated packaging	: Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
European Waste Catalogue Number	: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

14.1. UN number

3082

14.2. UN proper shipping name

ADR	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane)
RID	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane)
IMDG	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane)

14.3. Transport hazard class(es)

ADR-Class (Labels; Classification Code; Hazard Identification Number; Tunnel restriction code)	: 9 9; M6; 90; (-)
RID-Class (Labels; Classification Code; Hazard Identification Number)	: 9 9; M6; 90
IMDG-Class (Labels; EmS)	: 9 9; F-A, S-F

14.4. Packaging group

ADR	: III
RID	: III
IMDG	: III

14.5. Environmental hazards

Environmentally hazardous according to ADR	: yes
Environmentally hazardous according to RID	: yes
Marine Pollutant according to IMDG-Code	: yes

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG : Not applicable.

SECTION 15: Regulatory information

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

Component:	bis[4-(2,3-epoxypropoxy)phenyl]propane	CAS-No. 1675-54-3
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EU. Regulation EU No. : ; The substance/mixture does not fall under this legislation.
 649/2012 concerning the
 export and import of
 dangerous chemicals

EU. REACH, Annex XVII, : Point Nos.: , 3; Listed
 Marketing and Use
 Restrictions (Regulation
 1907/2006/EC)

Notification status

bis[4-(2,3-epoxypropoxy)phenyl]propane:

Regulatory List	Notification	Notification number
AICS	YES	
DSL	YES	
EINECS	YES	216-823-5
ENCS (JP)	YES	(4)-209
IECSC	YES	
ISHL (JP)	YES	(4)-209
KECI (KR)	YES	KE-03162
NZIOC	YES	HSR002965
PICCS (PH)	YES	
TSCA	YES	

Component:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700)	CAS-No. 9003-36-5
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Notification status

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (MG<=700):

Regulatory List	Notification	Notification number
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AICS	YES	
DSL	YES	
INV (CN)	YES	
ENCS (JP)	YES	(7)-1285
ISHL (JP)	YES	(7)-1285
EU NLP	YES	500-006-8
KECI (KR)	YES	KE-17106
TSCA	YES	
IECSC	YES	

Component:	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	CAS-No. 68609-97-2
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Notification status

oxirane, mono[(C12-14-alkyloxy)methyl] derivs.:

Regulatory List	Notification	Notification number
AICS	YES	
DSL	YES	
INV (CN)	YES	
NZ CLSC	YES	
EINECS	YES	271-846-8
KECI (KR)	YES	KE-27545
TSCA	YES	

15.2. Chemical safety assessment

no data available

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

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

Abbreviations and Acronyms

BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of

	Chemicals
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
PBT	persistent, bioaccumulative and toxic
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
PNEC	predicted no-effect concentration
STOT	specific target organ toxicity
SVHC	substance of very high concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	<p>The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.</p> <p>The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.</p>