

## SAFETY DATA SHEET

FOR INDUSTRIAL USE ONLY

EPIKOTE™ RESIN MGS LR 635

**Section 1. Identification**

**Product name** : EPIKOTE™ RESIN MGS LR 635  
**MSDS Number** : 300000030631  
**Chemical name** : Not available  
**Other means of identification** : Not available  
**Product type** : Epoxy Resin  
**Material uses** : Epoxy Resin Systems

**Manufacturer/Supplier/Importer** : Westlake Epoxy B.V.  
 Seattleweg 17  
 3195 ND Pernis - Rotterdam  
 The Netherlands

**Contact person** : epoxy@westlake.com  
**Telephone** : General information  
 +31 (0) 10 295 4011

**1.4**

**Emergency telephone number**  
**Supplier** : CARECHEM24  
**Telephone number** : +44 (0) 1235 239 670  
**Australia Emergency telephone number** : +61 2 8014 4558  
 18000 74234 (toll-free, Australia only)

**Section 2. Hazards identification**

\* This product is classified in accordance to Australian regulation - GHS V7, and ADG Code.

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A  
 SKIN SENSITISATION - Category 1

**GHS label elements**

**Signal word** : WARNING  
**Hazard statements** : Causes skin irritation.  
 May cause an allergic skin reaction.  
 Causes serious eye irritation.

**Symbol** : 

**Precautionary statements**

<b>Prevention</b>	:	Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Wash thoroughly after handling.
<b>Response</b>	:	Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
<b>Storage</b>	:	Not applicable.
<b>Disposal</b>	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Other hazards which do not result in classification</b>	:	None known.

### Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	:	Mixture
<b>Chemical name</b>	:	Not available
<b>Other means of identification</b>	:	Not available

Hazardous ingredient name	% by weight	CAS number
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	>=75 - <=90	25068-38-6
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	>=10 - <20	9003-36-5
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.	>0 - <=10	68609-97-2

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

<b>Inhalation</b>	:	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, belt or waistband.
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- Ingestion** : Wash out mouth with water. Remove dentures if any. 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. 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, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

### **Most important symptoms/effects, acute and delayed**

#### **Potential acute health effects**

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Eye contact** : Causes serious eye irritation.

#### **Over-exposure signs/symptoms**

- Inhalation** : No specific data.
- Ingestion** : No specific data.
- Skin** : Adverse symptoms may include the following:  
irritation  
redness
- Eyes** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

### **Indication of immediate medical attention and special treatment needed, if necessary**

- Specific treatments** : No specific treatment.
- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Protection of first aid personnel** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## **Section 5. Fire-fighting measures**

### **Extinguishing media**

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<b>Suitable</b>	:	Use dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray (fog).
<b>Not suitable</b>	:	Do not use water jet.
<b>Specific hazards arising from the chemical</b>	:	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds
<b>Special precautions for fire-fighters</b>	:	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.
<b>Special protective equipment for fire-fighters</b>	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>Remark</b>	:	Not available
<b>Hazchem code</b>	:	HAZCHEM: •3Z

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
<b>Environmental precautions</b>	:	Avoid dispersal of spilled 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).

### Methods and material for containment and cleaning up

<b>Small spill</b>	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13 of SDS). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see section 8 of SDS). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Appropriate engineering controls** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

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- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid  
**Color** : Clear
- Odor** : None.  
**Odor threshold** : Not available  
**pH** : Not available  
**Melting point/freezing point** : Not available  
**Boiling point** : Greater than 200 °C (392 °F)
- Flash point** : Greater than 200 °C (392 °F)
- Burning rate** : Not available  
**Burning time** : Not available
- Evaporation rate** : Not available  
**Flammability (solid, gas)** : Not available  
**Lower and upper explosive (flammable) limits** : **Lower:** Not available  
**Upper:** Not available  
**Vapor pressure** : Not available  
**Vapor density** : Not available  
**Relative density** : 1.15

<b>Density</b>	:	Approx. 1.100 - 1.200 g/cm <sup>3</sup>
<b>Solubility</b>	:	Not available
<b>Solubility in water</b>	:	Not available
<b>Partition coefficient: n-octanol/water</b>	:	Not applicable.
<b>Auto-ignition temperature</b>	:	Not available
<b>Decomposition temperature</b>	:	Not available
<b>SADT</b>	:	
<b>Viscosity</b>	:	<b>Dynamic:</b> Approx. 3,000 - 4,000 mPa·s
		<b>Kinematic:</b> Not available

**Other information**

No additional information.

## Section 10. Stability and reactivity

<b>Chemical stability</b>	:	The product is stable.
<b>Possibility of hazardous reactions</b>	:	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	:	No specific data.
<b>Incompatible materials</b>	:	No specific data.
<b>Hazardous decomposition products</b>	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

**Information on likely routes of exposure**

<b>Inhalation</b>	:	No known significant effects or critical hazards.
<b>Ingestion</b>	:	No known significant effects or critical hazards.
<b>Skin contact</b>	:	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	:	Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Inhalation</b>	:	No specific data.
<b>Ingestion</b>	:	No specific data.
<b>Skin contact</b>	:	Adverse symptoms may include the following: irritation redness
<b>Eye contact</b>	:	Adverse symptoms may include the following: pain or irritation watering redness

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer				

	LD50 Oral	Rat	11,400 mg/kg	-
	LD50 Oral	Rat	11,400 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxicity data.			
	LD50 Dermal	Rat	2,000 mg/kg	-
	LD50 Dermal	Rat	2,000 mg/kg	-
Formaldehyde, polymer with (chloromethyl)oxirane and phenol				
	LD50 Oral	Rat	> 2,000 mg/kg	-
	LD50 Dermal	Rabbit	> 2,000 mg/kg	-

**Conclusion/Summary** : Not available

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Skin - Erythema/E schar 404 Acute Dermal Irritation/Corrosion	Rabbit	1.5 - 2		-
	Skin - Edema 404 Acute Dermal Irritation/Corrosion	Rabbit	1.0 - 1.5		-
	eyes - - 405 Acute Eye Irritation/Corrosion	Rabbit	0		-
	eyes - Redness of the conjunctiva	Rabbit	0.7		-
	Skin - Moderate irritant	Rabbit		24 hrs	-
	Skin - Severe irritant	Rabbit		24 hrs	-
	eyes - Mild irritant	Rabbit			-
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	Skin - Erythema/E schar 404 Acute Dermal Irritation/Corrosion	Rabbit	0.7	4 hrs	72 hrs
	Skin - Edema 404 Acute Dermal Irritation/Corrosion	Rabbit	0	4 hrs	4 - 504 hrs



	rosion				
	eyes - Cornea opacity 405 Acute Eye Irritation/Corrosion	Rabbit	0		1 - 168 hrs
	eyes - Iris lesion 405 Acute Eye Irritation/Corrosion	Rabbit	0		1 - 168 hrs
	eyes - Redness of the conjunctiva 405 Acute Eye Irritation/Corrosion	Rabbit	0		1 - 168 hrs
	eyes - Edema of the conjunctiva 405 Acute Eye Irritation/Corrosion	Rabbit	0		1 - 168 hrs
	Skin - Mild irritant	Rabbit		24 hrs	-
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.	Skin - Primary dermal irritation index (PDII) OTS 798.4470 Acute Dermal Irritation	Rabbit	4.1	24 hrs	72 hrs
	Skin - Primary dermal irritation index (PDII) 404 Acute Dermal Irritation/Corrosion	Rabbit	5.75	24 hrs	72 hrs
	eyes - Cornea opacity 405 Acute Eye Irritation/Co	Rabbit	2		1 - 24 hrs

	rosion				
	Skin - Moderate irritant	Rabbit		24 hrs	-

**Conclusion/Summary**

**Skin** : Not available  
**eyes** : Not available  
**Respiratory** : Not available

**Sensitization**

Product/ingredient name	Route of exposure	Species	Result
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	Skin	See Remarks	Sensitizing
<b>Remarks:</b>	In an OECD No. 429 mouse LLNA study the estimated EC3 was a concentration of 5.7% suggesting that BADGE is a moderate skin sensitizer in this test system. In an OECD No. 406 guinea pig Maximization study BADGE induced positive dermal reaction in 100% of the test animals at a 50% concentration challenge dose. Therefore, BADGE is an "Extreme" skin sensitizer under the conditions of this study. BADGE was also positive for skin sensitization in an OECD No. 406 guinea pig Buehler method study.		

**Conclusion/Summary**

**Skin** : Not available  
**Respiratory** : Not available

**Potential chronic health effects**

**General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** :  
**Developmental effects** :  
**Fertility effects** : No known significant effects or critical hazards.

**Chronic toxicity**

**Conclusion/Summary** : Not available

**Carcinogenicity**

**Conclusion/Summary** : Not available

**Mutagenicity**

Product/ingredient name	Test	Experiment	Result
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	-	; Mammalian-Animal	Negative
<b>Remarks:</b>	Did not induce evidence of chromosome damage in a mouse dominant lethal oral gavage study conducted up to a high dose level of 10 grams/kg and in a mouse micronucleus test conducted up to a high dose of 5000 mg/kg. Negative in a male mouse spermatocyte cytogenetic assay with treatment for 5 days by oral gavage up to a high dose of 3000 mg/kg. Did not induce an increase in the frequency of chromosome damage in a Chinese hamster bone marrow cytogenetic test by oral		

	gavage up to a high dose of 3300 mg/kg. Failed to induce an increase of DNA strand breaks in rat liver cells following oral gavage treatment with 500 mg/kg as measured by alkaline elution.		
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	-	In vivo; Mammalian- Animal	Negative
<b>Remarks:</b>	When Bisphenol F Diglycidylether was evaluated for genotoxicity potential in multiple GLP in vivo assays including the mouse micronucleus, rat in vivo/in vitro UDS and MutaMouse tests no evidence of genotoxicity was observed. The results of other in vivo tests for genotoxicity also supported these negative findings for BPFDE. Therefore, Bisphenol F Diglycidylether is not genotoxic in vivo.		

**Conclusion/Summary** : Not available

### Teratogenicity

**Conclusion/Summary** : Not available

### Reproductive toxicity

**Conclusion/Summary** : Not available

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	Category 3	-	Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Not available

### Numerical measures of toxicity

#### Acute toxicity estimates

No data available.

**Other information** : Not available

## Section 12. Ecological information

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer			
	Acute LC50 1.3 mg/l - 203 Fish, Acute Toxicity Test	Fish - Fish	96 h
	Acute LC50 1.3 mg/l 203 Fish, Acute Toxicity Test	Fish - Fish	96 h
<b>Remarks - Acute - Fish:</b>	Acute		
	Acute EC50 2.1 mg/l - 202 Daphnia sp. Acute Immobilization Test and Reproduction Test	Aquatic invertebrates. Water flea	48 h
<b>Remarks - Acute - Aquatic invertebrates.:</b>	No applicable toxicity data.		

	Acute LC50 > 11 mg/l -	Aquatic plants - Algae	72 h
	Acute LC50 > 11 mg/l	Aquatic plants - Algae	72 h
<b>Remarks - Acute - Aquatic plants:</b>	Acute		
<b>Remarks - Chronic - Fish:</b>	No applicable toxicity data.		
	Chronic No-observable-effect-concentration 0.3 mg/l semi-static test 211 Daphnia Magna Reproduction Test	Aquatic invertebrates. Water flea	21 d
<b>Remarks - Chronic - Aquatic invertebrates.:</b>	No applicable toxicity data.		
Formaldehyde, polymer with (chloromethyl)oxirane and phenol			
	Acute LC50 2.54 mg/l -	Fish - Fish	96 h
	Acute EC50 2.55 mg/l - 202 Daphnia sp. Acute Immobilization Test and Reproduction Test	Aquatic invertebrates. Water flea	48 h
	Acute EC50 > 1,000 mg/l - 201 Alga, Growth Inhibition Test	Aquatic plants - Algae	72 h
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.			
	Acute LC50 > 1.8 g/l - 203 Fish, Acute Toxicity Test	Fish - Rainbow trout,donaldson trout	96 h
	Acute LC50 > 5.0 g/l - 203 Fish, Acute Toxicity Test	Fish - Bluegill	96 h
	Acute LC50 > 100.0 mg/l - 203 Fish, Acute Toxicity Test	Fish - Rainbow trout,donaldson trout	96 h
	Acute EC50 7.2 mg/l - 202 Daphnia sp. Acute Immobilization Test and Reproduction Test	Aquatic invertebrates. Water flea	48 h
	Acute EC50 844 mg/l - 201 Alga, Growth Inhibition Test	Aquatic plants - Algae	72 h

**Conclusion/Summary** : Not available

#### Persistence/degradability

**Conclusion/Summary** : Not available

#### Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
bis-[4-(2,3-epoxipropoxy)phenyl]propane	2.64 - 3.78	3 - 31 31.00	low
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	3.3	150 150.00	low
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	3.77	160 - 263 160.00	low

#### Mobility in soil

**Soil/water partition coefficient (KOC)** : Not available

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

Regulatory information	UN/NA number	Proper shipping name	Classes/Packing group
ADG	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(EPOXIDE DERIVATIVES)	9 III
ICAO/IATA	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXIDE DERIVATIVES)	9 III
IMO/IMDG	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXIDE DERIVATIVES)	9 III

**Emergency Action Code** : HAZCHEM: •3Z

**ERG Number** : 47

## Section 15. Regulatory information

### Standard for the Uniform Scheduling of Medicines and Poisons

- Not regulated.

### Control of Scheduled Carcinogenic Substances

Not applicable

**Australia inventory (AIIC)** : All components are listed or exempted.

### International regulations

**International lists** :

- Canada inventory All components are listed or exempted.
- Japan inventory All components are listed or exempted.
- China inventory (IECSC) All components are listed or exempted.
- Korea inventory (KECI) All components are listed or exempted.
- New Zealand Inventory (NZIoC) All components are listed or exempted.
- Philippines inventory (PICCS) All components are listed or exempted.
- United States inventory (TSCA 8b) All components are active or exempted.
- Taiwan inventory (TCSI) All components are listed or exempted.
- Thailand inventory Not determined.
- Vietnam inventory Not determined.
- Mexico inventory Not determined.
- Russian Federation inventory Not determined.

## Section 16. Other information

### History

**Date of printing** : 24.07.2023  
**Date of issue/Date of revision** : 13.04.2023  
**Date of previous issue** : 05.09.2022  
**Version** : 1.1  
**Key to abbreviations** :

- ADG = Australian Dangerous Goods
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- UN = United Nations

**References** : Not available

### Notice to reader

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

