

### Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 09/01/2015 Revision date: : Version: 1.0

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

1.1. Product identifier

Product name : DIAPRIME EV2
Product code : DIAPRIME EV2

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

#### 1.2.2. Uses advised against

No additional information available

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

DIAPASON ZI, 11 rue du fond des Prés 91460 MARCOUSSIS - France T 0164498071 - F 0169019792 diapason.sarl@free.fr

#### 1.4. Emergency telephone number

No additional information available

#### **SECTION 2: Hazards identification**

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

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226 Acute Tox. 4 (Dermal) H312 Acute Tox. 4 (Inhalation:dust,mist) H332 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 STOT SE 3 H336 Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

### Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R20/21 Xi; R36/38 R43 R10

R52/53

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :





GHS02

Signal word (CLP) : Warning

Hazardous ingredients : Toluene, Reaction product : bisphenol A-(epichlorhydrin); epoxy resin (number average

molecular weight <= 700), n-butyl acetate

Hazard statements (CLP) : H226 - Flammable liquid and vapour

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Precautionary statements (CLP)

H312 + H332 - Harmful in contact with skin or if inhaled

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness

H412 - Harmful to aquatic life with long lasting effects

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P261 - Avoid breathing vapours

P273 - Avoid release to the environment

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing

#### 2.3. Other hazards

No additional information available

### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	40 - 60	R10 R66 R67	
xylene, mixture of isomers	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	13 - 20	R10 Xn; R20/21 Xi; R36/37/38 Xn; R65	
Ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	< 5	F; R11 Xn; R20	
Reaction product : bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	(CAS No) 25068-38-6 (EC no) 500-033-5 (EC index no) 603-074-00-8 (REACH-no) 01-2119456619- 26	< 5	Xi; R36/38 R43 N; R51/53	
	(CAS No) 9003-36-5 (EC no) 500-006-8 (REACH-no) 01-2119454392- 40	< 3	Xi; R38 R43 N; R51/53	
Name	Product identifier	Specific co	ncentration limits	
xylene, mixture of isomers	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	(C >= 12,5) X	(C >= 12,5) Xn;R20/21	
Reaction product : bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	(CAS No) 25068-38-6 (EC no) 500-033-5 (EC index no) 603-074-00-8 (REACH-no) 01-2119456619- 26	(C >= 5) Xi;R36/38		
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
n-butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	40 - 60	Flam. Liq. 3, H226 STOT SE 3, H336	
xylene, mixture of isomers	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	13 - 20	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304	
Ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	< 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332	

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Reaction product : bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	(CAS No) 25068-38-6 (EC no) 500-033-5 (EC index no) 603-074-00-8 (REACH-no) 01-2119456619- 26	< 5	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
	(CAS No) 9003-36-5 (EC no) 500-006-8 (REACH-no) 01-2119454392- 40	< 3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Name	Product identifier	Specific	Specific concentration limits	
Reaction product : bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	(CAS No) 25068-38-6 (EC no) 500-033-5 (EC index no) 603-074-00-8 (REACH-no) 01-2119456619- 26		(C >= 5) Eye Irrit. 2, H319 (C >= 5) Skin Irrit. 2, H315	

Full text of R- and H-phrases: see section 16

#### **SECTION 4: First aid measures**

	4.1.	Descr	intion of	first aid	measures
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First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Immediately call a POISON ČENTER or doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention. If skin irritation occurs:

Get medical advice/attention.

First-aid measures after eye contact : 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/attention. Get medical

advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if

inhaled. May cause an allergic skin reaction. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant

health hazard. Harmful in contact with skin. Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

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

No additional information available

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

#### **SECTION 6: Accidental release measures**

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

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

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#### 6.1.1. For non-emergency personnel

Protective equipment : Wear chemically resistant gloves (tested to EN374) in combination with specific activity training.

In case of insufficient ventilation, wear suitable respiratory equipment.

Emergency procedures : Evacuate unnecessary personnel.

### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing Vapours.

Emergency procedures : Ventilate area

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#### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Methods for cleaning up

: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### Reference to other sections

See Heading 8. Exposure controls and personal protection.

#### **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

Additional hazards when processed

: Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing

Hygiene measures

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

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

Technical measures

: Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment.

Storage conditions

Store in original container. Keep container tightly closed. Direct sunlight. Heat sources. Protect

from freezing. Keep cool.

Incompatible products Incompatible materials Strong bases. Strong acids.

Maximum storage period

Sources of ignition. Direct sunlight. Heat sources.

Storage temperature

13 months : < 30 °C

Storage area

: Store away from heat. Store in a well-ventilated place.

#### 7.3. Specific end use(s)

No additional information available

### **SECTION 8: Exposure controls/personal protection**

### **Control parameters** Ethylhonzono (100 41 4

Ethylbenzene (100-41-4)			
EU	Local name	Ethylbenzene	
EU	IOELV TWA (mg/m³)	442 mg/m³	
EU	IOELV TWA (ppm)	100 ppm	
EU	IOELV STEL (mg/m³)	884 mg/m³	
EU	IOELV STEL (ppm)	200 ppm	
EU	Notes	Skin	
France	VME (mg/m³)	88,4 mg/m³	
France	VME (ppm)	20 ppm	
France	VLE (mg/m³)	442 mg/m³	
France	VLE (ppm)	100 ppm	
xylene, mixture of isomers (1330-20-7)			
EU	Local name	Xylene, mixed isomers, pure	
EU	IOELV TWA (mg/m³)	221 mg/m³	
EU	IOELV TWA (ppm)	50 ppm	
EU	IOELV STEL (mg/m³)	442 mg/m³	
EU	IOELV STEL (ppm)	100 ppm	
EU	Notes	Skin	
France	Local name	Xylène, isomères mixtes, purs	
France	VME (mg/m³)	221 mg/m³	
France	VME (ppm)	50 ppm	
France	VLE (mg/m³)	442 mg/m³	
France	VLE (ppm)	100 ppm	
n-butyl acetate (123-86-4)			
France	Local name	Acétate de n-butyle	

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n-butyl acetate (123-86-4)		
France	VME (mg/m³)	710 mg/m³
France	VME (ppm)	150 ppm
France	VLE (mg/m³)	940 mg/m³
France	VLE (ppm)	200 ppm

#### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure. In case of splash hazard: safety glasses. Gloves. Insufficient

ventilation: wear respiratory protection.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses
Skin and body protection : Wear suitable protective clothing

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended







Other information : Do not eat, drink or smoke during use.

### **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid Colour : Colourless. Odour : characteristic. Odour threshold : No data available No data available рΗ Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point : No data available : No data available Boiling point

Flash point : 27 °C

Auto-ignition temperature : No data available Decomposition temperature : No data available

Flammability (solid, gas) : Flammable liquid and vapour

Vapour pressure : No data available Relative vapour density at 20 °C : No data available

Relative density : 0,94

Solubility : immiscible and insoluble.

Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Not established.

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#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

### **SECTION 11: Toxicological information**

Acute toxicity : Dermal: Harmful in contact with skin. Inhalation:dust/mist: Harmful if inhaled.

ATE CLP (dermal)	1100,000 mg/kg bodyweight
ATE CLP (dust,mist)	1,500 mg/l/4h

(9003-36-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 ma/ka

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

n-butyl acetate (123-86-4)	
LD50 oral rat	10760 mg/kg
LD50 dermal rabbit	> 14112 mg/kg
LC50 inhalation rat (mg/l)	23,4 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated

exposure)

: Not classified

Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Based on available data, the classification criteria are not met

Potential Adverse human health effects and

symptoms

: Harmful in contact with skin. Harmful if inhaled.

### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : Do not discharge into drains or the environment.

Ecology - water : Harmful to aquatic life with long lasting effects.

(9003-36-5)	
LC50 fishes 1	0,55 mg/l
n-butyl acetate (123-86-4)	
LC50 fishes 1	18 mg/l
EC50 Daphnia 1	44 mg/l

### 12.2. Persistence and degradability

DIAPRIME EV2		
Persistence and degradability	May cause long-term adverse effects in the environment.	

### 12.3. Bioaccumulative potential

	12.3. Dioaccumulative potential	
	DIAPRIME EV2	
	Bioaccumulative potential	Not established.

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#### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : 1993

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : 1993

UN-No.(ADN) : Not applicable UN-No. (RID) : Not applicable

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S.

Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

Transport document description (ADR) : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E)

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3



#### **IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA** 

Transport hazard class(es) (IATA) : 3

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG): Not applicablePacking group (IATA): Not applicablePacking group (ADN): Not applicablePacking group (RID): Not applicable

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14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

#### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Classification code (ADR) : F1

Special provision (ADR) : 274, 601, 640F

Limited quantities (ADR) : 5L Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, LP01, R001

Mixed packing provisions (ADR) : MP19
Mixed Portable tank and bulk container : T4

instructions (ADR)

Mixed Portable tank and bulk container special : TP1, TP29

provisions (ADR)

ADR tank codes (ADR) : L4BN

Vehicle for tank carriage : FL

Transport category (ADR) : 3

Special provisions for carriage - Operation : S2

(ADR)

Hazard identification number (Kemler No.) : 33

Orange plates :

33 1993

Tunnel restriction code (ADR) : D/E

### 14.6.2. Transport by sea

#### 14.6.3. Air transport

#### 14.6.4. Inland waterway transport

Not subjected to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

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

Not applicable

#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

DIAPRIME EV2 is not on the REACH Candidate List

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixturejs, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

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Other information : None.

### Full text of R-, H- and EUH-phrases:

-ull text of R-, H- and EUH-phrases:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful
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### SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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