



Safety Data Sheet  
according to  
EU 2020/878, Article 31

Date of revision: June ,  
2024

Version 1

## 1. PRODUCTS AND COMPANY IDENTIFICATION

**Trade Name:** XFN 1450

**Chemical Identification:** see section 3

**Registration Number:** see section 3

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

**Application of the substance / the mixture:** polyol for resins and foams

**Uses advised against :** none

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

**Supplier:** Elmira Industrial Supplies ug , akazienstrasse 3A. 10823. Berlin

**Further information obtainable from:** +491633047733,  
sales@elmirasupplies.com

### 1.4 Emergency telephone number:

Nur zur Information des medizinischen Personals bei akuten Vergiftungen

Österreich	Vergiftungsinformationszentrale	+43 1 406 43 43
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Alleen voor het informeren van medisch personeel bij acute vergiftigen

België	Centre Antipoisons-Antigifcentrum	+32 70 245 245
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Само с цел информирание на медицинския персонал в случаи на остри интоксикации

Bulgariya	National Toxicological Information Centre	+359 2 9154 378
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Pouze za účelem informování zdravotnického personálu v případě akutních intoxikací

Česká rep.	Toxicological Information Centre	+420 22 49 192 93
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Kun med det formål at informere medicinsk personale i tilfælde af akut rus

Danmark	Poison Information Center	+45 82 12 12 12
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Vain lääketieteen henkilöstön informoimiseksi akuuteissa pähteissä

Suomi	Finnish Poison Information Centre	+358 9 471977
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Uniquement dans le but d'informer le personnel médical en cas d'intoxication aiguë

France	Centre antipoison et de toxicovigilance de Paris	+33 (0)1 40 05 48 48
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Nur zur Information des medizinischen Personals bei akuten Vergiftungen

Deutschland	Informations und Behandlungszentrum für Vergiftungen	+49 6841 192 40
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Safety Data Sheet  
according to  
EU 2020/878, Article 31

Version 1

Date of revision: June ,  
2024

Csak az orvosi személyzet tájékoztatása céljából akut mérgezés esetén

Hungary	Health Toxicological Information Service	+36 80 20 11 99
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Only for the purpose of informing medical personnel in cases of acute intoxications

Ireland	Poisons Information Centre of Ireland	+353 1 837 9964
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Solo allo scopo di informare il personale medico in caso di intossicazioni acute

Italia	Centro Antiveleni	+39 02 6610 1029
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Alleen voor het informeren van medisch personeel bij acute vergiftigingen

Nederland	Nationaal Vergiftigings Informatie Centrum	+31 (0)30 274 88 88
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Kun med det formål å informere medisinsk personell i tilfeller av akutt rus

Norge	Norwegian Poisons Information Centre	+47 22 59 13 00
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Wyłącznie w celu poinformowania personelu medycznego w przypadkach ostrych zatruc

Polska	Ośrodek Informacji Toksykologicznej	+48 22 619 66 54
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Apenas com o propósito de informar o pessoal médico em casos de intoxicações agudas

Portugal	Centro de Informações Antivenenos	808 250 143
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Numai în scopul informării personalului medical în cazurile de intoxicații acute

Romania	TOXAPEL - Paediatric Poison Centre	+402 212 106 282
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Solo con el fin de informar al personal médico en casos de intoxicaciones agudas.

Spain	Servicio de Información Toxicológica	+34 91 562 0420
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Endast i syfte att informera medicinsk personal i fall av akut missbruk

Sverige	Giftinformationscentralen 112 (national callers);	+46 (0)10 456 6700
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Only for the purpose of informing medical personnel in cases of acute intoxication

United Kingdom	National Poisons Information Service	+844 892 0111
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Ireland	Information Centre of Ireland	+353 1 837 9964
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 <b>ExaPhen</b> POLYOLS™	Safety Data Sheet according to EU 2020/878, Article 31  Version 1	Date of revision: June , 2024
---	---	----------------------------------

**1.5 Trade Name:** XFN 1450

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to regulation (EC) No 1272/2008**

**Information concerning particular hazards for human and environment:** void

### 2.2 Label elements

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

The substance is classified and labelled according to the CLP regulation

**Hazard pictograms** na

**Signal word** na

**Hazard-determining components of labeling:** Cashew nutshell liq.

**Hazard statements** na

### Precautionary statements

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

P280 Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes.

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

P310 Immediately call poison center or doctor/physician

P321 Specific treatment (see on the label)

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

### Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable



Safety Data Sheet  
according to  
EU 2020/878, Article 31

Version 1

Date of revision: June ,  
2024

### 3. COMPOSITION/INFORMATION ON INGREDIENTS.

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

#### Non-Classified Components

Name	EINECS N°	REACH No.	%	Classification
Polymeric CNSL	polymer exempt	na	100	na

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

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**Inhalation:** Remove victim to fresh air and get medical attention if cough or other symptoms occur.

**Skin contact:** Wash thoroughly the skin contaminated with soap and water. Get medical attention if irritation develops or persists.

**Eye contact:** Rinse immediately eyes with plenty of water for at least 15 minutes. Get medical attention if irritation or other symptoms occur.

**Ingestion:** Rinse mouth with water and get immediate medical attention.

#### 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 needs** No further relevant information available.

### 5. FIRE-FIGHTING MEASURES


#### 4.1 Extinguishing Media

Suitable extinguishing agents: Carbon dioxide, powder or water spray

For safety reasons unsuitable extinguishing agents: Water with full jet

#### 4.2 Hazards arising from the substance itself, combustion products, resulting gases

In case of fire, carbon monoxide, carbon dioxide, toxic fumes and traces of harmful substances, such as formaldehyde, may be released.

 <b>ExaPhen</b> POLYOLS™	Safety Data Sheet according to EU 2020/878, Article 31  Version 1	Date of revision: June , 2024
---	---	----------------------------------

#### **4.3 Protection against fire**

Evacuate area and fight fire from a safe distance. Wear self-contained breathing apparatus and full protective suit. Apply water spray or fog to cool nearby equipment.

## **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

Provide for sufficient ventilation or respiratory protection and prevent contact with skin and eyes.

#### **6.2 Environmental precautions:**

Keep the substance away from drains, surface- and ground-water and soil. Alert authorities and the neighborhood of any leak.

**6.3 Methods and material for containment and cleaning up:** Clean up leaks by using inert absorbent materials (e.g. sand, diatomaceous earth, sawdust, etc.) as soon as possible. Place collected material into suitable containers for disposal.

#### **6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

## **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling:**

Use with sufficient ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Follow all the precautions reported in safety data sheet even after the container is emptied because it may retain product residues.


**Information about fire - and explosion protection:** No special measures required

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

##### **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 10

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

	<p>Safety Data Sheet according to EU 2020/878, Article 31</p> <p>Version 1</p>	<p>Date of revision: June , 2024</p>
---	--	--

No further relevant information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

- **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 skin.  
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. Suitable respiratory protective device recommended.


#### **Protection of hands:**



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

	<p>Safety Data Sheet according to EU 2020/878, Article 31</p> <p>Version 1</p>	<p>Date of revision: June , 2024</p>
---	--	--

### 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 protection:



Tightly sealed goggles

#### · Body protection:

Protective work clothing

Use protective clothing made of a chemical resistant material.

Safety shoes according to EN-ISO 20345, long trousers and work shirt with long sleeves; for mixing use additional rubber apron and protective boots according to EN 14605.

Overalls / CE Cat III, Type 5/6 hazardous substance and moderate liquid splashes.

#### · Limitation and supervision of exposure into the environment

Use appropriate measures to avoid environmental contamination.

Prevent the product from entering drains, surface water or ground water.

#### · Risk management measures

Usual precautions for handling chemicals should be followed.

General ventilation.



Safety Data Sheet  
according to  
EU 2020/878, Article 31

Version 1


Date of revision: June ,  
2024

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Red Brown viscous liquid
Odour	Oily
pH	Not available
Boiling point/range	Not applicable
Flash point	225°C (437°F)
Flammability	Not available
Explosive properties	Not applicable
Oxidising properties	Not applicable
Vapour pressure	Not available
Relative density	0.95 @ 25°C/25°C (77°F/77°F)
Solubility	Organic solvents
Water solubility	Insoluble
Partition coefficient: n-octanol/water	Not available
Viscosity	500 – 1500 cps @ 25°C (77°F)
Vapour density	Not available
Evaporation rate	Not available




 <b>ExaPhen</b> POLYOLS™	Safety Data Sheet according to EU 2020/878, Article 31  Version 1	Date of revision: June , 2024
---	---	----------------------------------

## 10. STABILITY AND REACTIVITY

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Avoid contact with strong oxidants and isocyanates.
- **10.6 Hazardous decomposition products:** Carbon monoxide, carbon dioxide, dense smoke

## 11. TOXICOLOGICAL INFORMATION

- **11.1 Information on toxicological effects**
- **Primary irritant effect:** Based on available data, the classification criteria are not met.
- **Skin irritation:** Based on available data, the classification criteria are not met.
- **Eye irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

 <b>ExaPhen</b> POLYOLS™	Safety Data Sheet according to EU 2020/878, Article 31  Version 1	Date of revision: June , 2024
---	---	----------------------------------

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:

· **General notes:** No further relevant information available.

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

### · **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods


#### · **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### · **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

 <b>ExaPhen</b> <sup>POLYOLS™</sup>	Safety Data Sheet according to EU 2020/878, Article 31  Version 1	Date of revision: June , 2024
--	---	----------------------------------

## 14. TRANSPORT INFORMATION

<b>14.1 UN-Number</b> · ADR, IMDG, IATA	not applicable
· <b>14.2 UN proper shipping name</b> · ADR, IMDG, IATA	not applicable
<b>14.3 Transport hazard class(es)</b> · ADR, ADN, IMDG, IATA · Class	not applicable
<b>14.4 Packing group</b> · ADR, IMDG, IATA	not applicable
<b>14.5 Environmental hazards:</b>	not applicable
<b>14.6 Special precautions for user</b>	not applicable
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	not applicable
<b>UN "Model Regulation":</b>	not applicable


## 15. REGULATORY INFORMATION

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

- Labelling according to Regulation (EC) No 1272/2008 GHS label elements
- Directive EU 2020/878
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**  
 None of the ingredients is listed.

**REGULATION (EU) 2019/1148**  
 · Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

	<p>Safety Data Sheet according to EU 2020/878, Article 31</p> <p>Version 1</p>	<p>Date of revision: June , 2024</p>
---	--	--------------------------------------

<p>None of the ingredients is listed.</p>
<p><b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b> None of the ingredients is listed.</p>
<p><b>Regulation (EC) No 273/2004 on drug precursors</b> None of the ingredients is listed.</p>
<p><b>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</b> None of the ingredients is listed.</p>

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

## 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:** na

· **Contact:** Quality department

· **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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative