

# Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

Trade name: **Logic IN-DS**

Version: 1.1 / 14.11.2025

Print date: 14.11.2025

Page 1 of 4

## 1. Description of substance BZW. The company and the mixture

- 1.1 Product identifier:** **Logic IN-DS**
- 1.2 Relevant identified use of the preparation:** Coating, two-component, chemical resistant
- 1.3 Details of the supplier that provides the safety data sheet**

**Information on manufacturer / supplier**

Logic Chemie  
Kastanjelaan 157a  
NL-4621HL Bergen op Zoom  
Telephone 0031626354489

**Emergency information:**

Telephone 0031626354489

## 2. Possible Dangers

### 2.1 Classification of the preparation Regulation (EG) Nr. 1272/2008 (GHS)

Flammable liquid and vapor. Hazard  
Category 2 ; H225

### 2.2 Labeling elements



**Signal word**

**DANGER**

**Hazard warnings**

H225 Highly flammable liquid and vapor..  
H319 Causes serious eye irritation..  
H315 Causes skin irritation.

**Safety instructions**

P210 Keep away from heat / sparks / open flame / hot surfaces.  
Do not smoke.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.

- 3.1 Material** The product is classified as a mixture.  
*chemical characterization* a) Epoxy resin, bisphenol base b) Epoxy hardener, amine adduct modified  
*(Preparation)* contains solvents contains solvents

### 3.2 Chemical / Hazardous ingredients

EG-No	Name of substance	Content	Classification according to 67/548/EWG	Classification according to 1272/2008
CAS-Number				
a) 25068-38-6	Epoxy resin, mol wt. >400	<30%	R22, R53	
b) 100-51-6	modif. amine adduct	<30%	R26/27/28, R34	
c) Solvent	Butanon, Glycolether, Xylol	>30%	R11, R18, R22	

For the wording of the R, H and EUH phrases: see section 1

## 4. First aid measures

### 4.1 Description of first aid measures:

- For eye contact:** Rinse with plenty of water.
- For skin contact:** Immediately rinse with water. If symptoms persist, call a physician.
- For inhalation:** Remove to fresh air.
- When taken:** Do not induce vomiting. ASPIRATION! Call a physician immediately.

## 5. Fire-fighting measures

### 5.1 Extinguishing Media

Suitable extinguishing media: Alcohol resistant foam, dry extinguishing powder, water mist, powder or CO2 fire extinguishers  
Unsuitable extinguishing media: Water jet:

### 5.2 Special hazards from the mixture

Hazardous combustion products: Carbon monoxide, smoke, vapor, if incomplete combustion

### 5.3 Instructions for fire fighting

In case of major accident, wear respiratory protection independent of the surrounding air.

## 6. Accidental release measures

- 6.1 security measures related to persons** Avoid contact with skin and eyes. Do not breathe fumes / aerosols
- Protective equipment and emergency procedures:** breathe in. Remove persons who are not required from the danger area. Use protective equipment.
- Personal protective equipment:** Personal protective equipment must be adapted to the situation. At least protective goggles with side protection, protective clothing and safety shoes.

# Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

Trade name: **Logic IN-DS**

Version: 1.1 / 14.11.2025

Print date: 14.11.2025

Page 2 of 4



## 6.2 Environmental precautions

Do not empty into drains / waterways / soil

## 7. Handling and storage

### 7.1 Precautions

The usual precautions for handling chemicals are to be observed note. .  
Avoid contact with skin and eyes. Container tight. Keep closed.  
For sufficient air exchange and / or suction In the workrooms

Storage class

3 Flammable liquids

## 8. Personal protective equipment

### 8.1 protective gear

Protective goggles Protective gloves and breathing apparatus with suitable filter use.  
Recommended filter type: A

### 8.2 Other protective measures

The choice of personal protective equipment from the workplace and From the handling

#### Hand protection

(Nitrile) or Vitojekt 890 (Viton). Permeation time > 480 minutes

## 9. Physical and chemical properties

### 9.1 Basic physical and chemical properties

<i>Aggregate state / shape</i>	Liquid
<i>Color</i>	a) Colorless, clear      b) Colorless, clear
<i>Smell</i>	a) After butanone      b) after glycol ethers

### 9.2 Security-relevant basic data

	a)	b)		
<i>Melting temperature</i>	<0	-	°C	
<i>Boiling point / range (1013 hPa)</i>	>80	>165	°C	DIN 51 751
<i>Density (20 ° C)</i>	0,9	0,9	g/ml	
<i>Steam pressure (20 ° C)</i>	ca. 250	ca. 3	hPa	DIN 51 754
<i>Viscosity</i>	ca. 1	ca. 1	mPas	DIN 51 562
<i>Solubility in water</i>	partially	partially	g/l	
<i>Flash point</i>	<21	>21	°C	
<i>Ignition temperature</i>	>400	>400.	°C	DIN 51 794

### 9.3 Substance-relevant properties

Explosive substance / mixture & Flammable gases	The formation of more explosive vapor / air mixtures is possible The product is a liquid, But formation of flammable vapor / air mixtures is possible
Flammable aerosols	Flammable liquid
Flammable liquids	Product is classified as flammable (firing point <21 ° C)
Self-reactive substances and mixtures	Not self-irreversible
Pyrophoric liquids	Not pyrophoric
Self-heatable substances / mixtures	Not self-heatable
Substances / mixtures which, upon contact with Water flammable gases	Does not form flammable gases when in contact with water
Oxidizing liquids	Not oxidizing
Organic peroxides	The product does not contain organic peroxides
Corrosive against metals	The product does not corrosive to metals

### 9.4 Other safety data

explosion limits	UEG 0,5Vol.% / OEG 11,0Vol.%
conductivity	Not conductive

## 10. Stability and Re-activity

### 10.1 Re-activity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Auto-ignition temperature: > 200 ° C

### 10.3 Possible hazardous reactions

Stable under normal conditions,

### 10.4 Conditions to avoid

The product is an inert hydrocarbon.

Open flames, sparks or strong heat supply

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

The product does not decompose at ambient temperatures

## 11. Toxicological information

### 11.1 Acute toxicity:

# Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: **Logic IN-DS**

Version: 1.1 / 14.11.2025

Print date: 14.11.2025

Page 3 of 4

**For eye contact:** Causes serious eye irritation.  
**For skin contact:** Causes skin irritation.  
**For Inhalation** LC50: 34 mg/l (Ratte; 4 h)  
**When taken** LD50: > 2193 mg/kg (Ratte) (OECD 423)

## 11.2 Chronic toxicity:

**For skin contact:** May cause irritation by prolonged or repeated contact.  
**For Inhalation** Disadvantages are normally not expected.  
**When taken** Disadvantages are normally not expected.  
ASPIRATION! For symptoms, see 4.1

## 12.1 Toxicity

### Acute-Ecotoxicity

*Water hazard class*

WGK 2 (self-assessment): hazardous for water. Not into ground water, Water or sewage system.  
Danger to drinking water.

## 12.2 Persistence and degradability

Hydrolysis

There is no transformation due to hydrolysis to a significant extent expected.

Photolysis

There is no transformation due to photolysis to a significant extent expected.

Air oxidation

In air, a rapid degradation is expected (solvent).

Biodegradability

Easily biodegradable (solvent)  
Not readily biodegradable (epoxy resin)

**12.3 Ergebnis der PBT und vPvB Beurteilung** not applicable

**12.4 Other environmental effects** No further data available

## 13. Disposal considerations

### Waste treatment methods

Must not be disposed together with household garbage.  
Disposal only in accordance with official regulations (such as paint cans)  
Disposal according to EC Directives 75/442 / EEC and 91/689 / EEC on waste  
And hazardous waste in the latest versions.

### Disposal of the product / the packaging

Like paint cans with remnants

*Waste code number (EWC)*

20 01 12 resin residues, (not) cured

*Packaging*

Completely empty the tank.

## 14. Transport Information

### 14.1 Land transport ADR / RID / GGVSE

	a)	b)
<i>Class</i>	3	3
<i>Number / Letter</i>	33b	33b
<i>UN-No</i>	1193	1993

**14.2 Sea transport IMDG-Code / GGVSee** 3.2/2 3.3/3

**14.3 Air transport ICAO-IATA / DGR** dangerous goods

## 15. REGULATORY

### 15. 1 Specific or mixture-specific safety, health and environmental requirements

#### National rules

VOC Directive 1999/13 / EC Subject to VOC-Directive

Water hazard class (WGK):

WGK 2 (self-assessment): hazardous for water.

EINECS:

All ingredients are listed, exempted from listing or as new  
Substance registered (ELINCS).

TSCA:

All ingredients listed or excluded from listing.

AICS:

All ingredients are listed, exempted from listing or as new  
Substance registered.  
Substance registered.

# Safety Data Sheet

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Page 4 of 4

IECS:	All ingredients listed or excluded from listing.
KECL:	All ingredients are listed, exempted from listing or as new Substance registered.
PICCS:	All ingredients are listed, exempted from listing or as new Substance registered.
DSL:	All ingredients listed or excluded from listing.
ENCS/ISHL:	All ingredients are listed, exempted from listing or as new Substance registered.

## 16. Other notes

### 16.1 Classification of mixtures and assessment method used in accordance with Regulation

Asp. 1 - H304

On basis of test data

### 16. Sonstige Hinweise

#### 16.1 Einstufung von Gemischen und verwendete Nr. 1207/2008 (CLP)

Aqu. chron. 4 - H413  
EUH 066

On basis of test data / calculated

#### 16.2 Text of R and H and EUH phrases (Number and full text)

H 304	May be swallowed and enters the respiratory tract to be deadly.
H 413	May be harmful to aquatic organisms, with long-term effects.
EUH 066	Repeated exposure may cause skin dryness or cracking to lead.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking to lead.
R 53	May cause long-term adverse effects in the aquatic environment

#### 16.3 Other informations

The information in this safety data sheet corresponds to our knowledge and experience at the time indicated. They refer only to the pure product. If the product is mixed with other materials, or if it is fed to a processing process, the data are no longer correct. There is no guarantee for faultlessness or completeness. This information does not constitute a guarantee