



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.08.2020

Version 1

Revision: 25.08.2020

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

1.1 Product identifier

- Trade name: FineR-MH

Chemical Identification:

Reaction products of di-,tri- and tetra-propoxylated propane-1,2-diol with ammonia

CAS Number:

9046-10-0

Registration number 01-2119557899-12-XXXX

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

Sector of Use

SU12 Manufacture of plastics products, including compounding and conversion

SU23 Electricity, steam, gas water supply and sewage treatment

Product category

PC41 Oil and gas exploration or production products

PC9a Coatings and paints, thinners, paint removers

PC9b Fillers, putties, plasters, modelling clay

PC21 Laboratory chemicals

PC32 Polymer preparations and compounds

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC5 Mixing or blending in batch processes

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC14 Tabletting, compression, extrusion, pelletisation, granulation

PROC15 Use as laboratory reagent

PROC10 Roller application or brushing

PROC13 Treatment of articles by dipping and pouring

PROC19 Manual activities involving hand contact

Environmental release category

ERC1 Manufacture of the substance

ERC2 Formulation into mixture

ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC6a Use of intermediate

ERC6c Use of monomer in polymerisation processes at industrial site (inclusion or not into/onto article)

ERC8c Widespread use leading to inclusion into/onto article (indoor)

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

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ERC8b Widespread use of reactive processing aid (no inclusion into or onto article, indoor)

• **Application of the substance / the mixture** Industrial use

• **1.3 Details of the supplier of the safety data sheet**

• **Supplier:**

Fine Wooden Creations sp. z o.o.
Pionierów 28a
05-092 Lomianki
info@finewoodcreations.com
www.finewoodcreations.com

• **Further information obtainable from:**

Quality Assurance
quality@finewoodcreations.com
+48 534005534

• **1.4 Emergency telephone number:**

Nur zur Information des medizinischen Personals bei akuten Vergiftungen	
Österreich Vergiftungsinformationszentrale	+43 1 406 43 43
Alleen voor het informeren van medisch personeel bij acute vergiftigingen	
België Centre Antipoisons-Antigifcentrum	+32 70 245 245
Само с цел информиране на медицинския персонал в случаи на остри интоксикации	
Balgariya National Toxicological Information Centre	+359 2 9154 378
Pouze za účelem informování zdravotnického personálu v případě akutních intoxikací	
Česká republika Toxicological Information Centre	+420 22 49 192 93
Kun med det formål at informere medicinsk personale i tilfælde af akut rus	
Danmark Poison Information Center	+45 82 12 12 12
Vain lääketieteen henkilöstön informoimiseksi akuuteissa päähteissä	
Suomi Finnish Poison Information Centre	+358 9 471977
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
Nur zur Information des medizinischen Personals bei akuten Vergiftungen	
Deutschland Informations und Behandlungszentrum für Vergiftungen	+49 6841 192 40
Csak az orvosi személyzet tájékoztatása céljából akut mérgezés esetén	
Hungary Health Toxicological Information Service	+36 80 20 11 99
Only for the purpose of informing medical personnel in cases of acute intoxications	
Ireland Poisons Information Centre of Ireland	+353 1 837 9964
Solo allo scopo di informare il personale medico in caso di intossicazioni acute	
Italia Centro Antiveneni	+39 02 6610 1029
Alleen voor het informeren van medisch personeel bij acute vergiftigingen	
Nederland Nationaal Vergiftigings Informatie Centrum	+31 (0)30 274 88 88
Kun med det formål å informere medisinsk personell i tilfeller av akutt rus	
Norge Norwegian Poisons Information Centre	+47 22 59 13 00
Wyłącznie w celu poinformowania personelu medycznego w przypadkach ostrych zatruc	
Polska Ośrodek Informacji Toksykologicznej	+48 22 619 66 54
Apenas com o propósito de informar o pessoal médico em casos de intoxicações agudas	
Portugal Centro de Informações Antivenenos	808 250 143
Numai în scopul informării personalului medical în cazurile de intoxicații acute	

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Romania	TOXAPEL - Paediatric Poison Centre	+402 212 106 282
Solo con el fin de informar al personal médico en casos de intoxicaciones agudas.		
Spain	Servicio de Información Toxicológica	+34 91 562 0420
Endast i syfte att informera medicinskt personal i fall av akut missbruk		
Sverige	Giftinformationscentralen112 (national callers);	+46 (0)10 456 6700
Only for the purpose of informing medical personnel in cases of acute intoxications		
United Kingdom	National Poisons Information Service	844 892 0111

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Skin Corr. 1C H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- 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**



GHS05

- Signal word Danger**

- Hazard statements**

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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 a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P405 Store locked up.

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

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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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

- **3.1 Chemical characterisation: Substances**
- **CAS No. Description**
9046-10-0 Polyether Amine

* **SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - **After swallowing:** If symptoms persist consult doctor.
- **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 needed**
No further relevant information available.

* **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Foam
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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* SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

· **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: 8 A

7.3 Specific end use(s) No further relevant information available.

* SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace: Not required.

· **DNELs**

Dermal	DNEL	2.5 mg/kg bw/day (General)
Inhalative	DNEL	1.36 mg/m ³ (General)

· **PNECs**

PNEC saltw sed	0.125 mg/kg (General)
PNEC freshwater	0.015 mg/l (General)

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PNEC freshwater sed	0.132 mg/kg (General)
PNEC Soil	0.018 mg/kg (General)
PNEC saltwater	0.014 mg/l (General)

· **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 eyes.
Avoid contact with the eyes and skin.

· **Respiratory protection:**



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

· **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.

· **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

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Colour:	Light yellow
Odour:	Amine-like
Odour threshold:	Not determined.

· pH-value:	10.5
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· Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	232 °C

· Flash point:	128 °C
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· Flammability (solid, gas):	Not applicable.
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· Ignition temperature:	230 °C
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· Decomposition temperature:	Not determined.
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· Auto-ignition temperature:	Not determined.
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· Explosive properties:	Product does not present an explosion hazard.
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· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure at 100 °C:	1 hPa
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· Density at 20 °C:	0.9476 g/cm ³
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· Relative density	Not determined.
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· Vapour density	Not determined.
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· Evaporation rate	Not determined.
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· Solubility in / Miscibility with

water at 20 °C:	100 g/l
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· Partition coefficient: n-octanol/water:	Not determined.
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· Viscosity:

Dynamic at 20 °C:	10.9 mPas
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Kinematic:	Not determined.
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· 9.2 Other information	No further relevant information available.
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SECTION 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:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Irritant gases/vapours

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

Oral	LD50	475 mg/kg (rat)
Dermal	LD50	2,090 mg/kg (rabbit)
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

EC50/48h	15 mg/l (daphnia magna)
LC50/96h	>100 mg/l (Fish)
EC50/72h	135 mg/l (algae)

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- **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.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**

Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water
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.
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 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.

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, IMDG, IATA	UN2735
· 14.2 UN proper shipping name	
· ADR	2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyether Amine)
· IMDG	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyether Amine), MARINE POLLUTANT
· IATA	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyether Amine)

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· 14.3 Transport hazard class(es)

· ADR



· Class

8 (C9) Corrosive substances.

· Label

8

· IMDG



· Class

8 Corrosive substances.

· Label

8

· IATA



· Class

8 Corrosive substances.

· Label

8

· 14.4 Packing group

· ADR, IMDG, IATA

III

· 14.5 Environmental hazards:

· Marine pollutant:

Symbol (fish and tree)

· Special marking (ADR):

Symbol (fish and tree)

· 14.6 Special precautions for user

Warning: Corrosive substances.

· Hazard identification number (Kemler code): 88

· EMS Number:

F-A,S-B

· Segregation groups

Alkalies

· Stowage Category

A

· Segregation Code

SG35 Stow "separated from" SGG1-acids

**· 14.7 Transport in bulk according to Annex II
of Marpol and the IBC Code**

Not applicable.

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· Transport/Additional information:**· ADR****· Limited quantities (LQ)**

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml**· Transport category**

1

· Tunnel restriction code

E

· IMDG**· Limited quantities (LQ)**

0

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation":UN 2735 POLYAMINES, LIQUID, CORROSIVE,
N.O.S. (POLYETHER AMINE), 8, III**SECTION 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

The substance is classified and labelled according to the CLP regulation.

· Hazard pictograms

GHS05

· Signal word Danger**· Hazard statements**

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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 a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

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P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not 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**
Substance is not listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

- **Contact:** Quality department

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- * **Data compared to the previous version altered.**

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