

# SAFETY DATA SHEET

According to Regulation EC No.1907/2006 (REACH) with its amendment  
Regulation (EU) 2020/878



SDS Form No: GM.128

Date of Issue: 03.03.2025

Date of Revision:-  
Version:00-01

## EXPERPRIME HD 25

### 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier:

<b>Product Name</b>	ExperPrime HD 25
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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Hybrid polyurethane dispersion based, single component, water based surface primer.

SU 22-(Professional uses)

SU 3 - (Industrial uses)

SU 21-(Consumer uses)

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

<b>Company:</b>	GÜVEN MADENCİLİK İNŞ. ve TİC. AŞ.
<b>Address:</b>	Ege Perla B Kule Kat:23 No:231/232 Konak İZMİR
<b>Telephone:</b>	+90 (232) 422 03 93
<b>Related person for SDS e- mail address</b>	Abdurrahman SAL <a href="mailto:asal@okkagroup.com.tr">asal@okkagroup.com.tr</a>

#### 1.4 Emergency telephone number:

<b>Emergency Phone:</b>	+90 (232) 422 03 93
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### 2. HAZARD IDENTIFICATION

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

<b>Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)</b>	
<b>Environmental hazards</b>	Aquatic Chronic, Category 3, H412
<b>Health hazards</b>	Skin Sensitization, Category 1A, H317

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### 2.2. Label elements

#### Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

**Hazard  
Pictograms:**



**Signal word**

Warning

**Hazard  
statements**

H317: May cause an allergic skin reaction.  
H412: Harmful to aquatic life with long lasting effects.

#### Precautionary statements

**Prevention**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment (see ... on this label).  
P333 + P313: If skin irritation or rash occurs: Get medical advice/ attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.

**Disposal**

P501: Dispose of contents and container to in accordance with local and national regulation.

#### Hazard content(s):

- Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1dimethylethyl)-4-hydroxyphenyl]-1oxopropyl]-.omega.-hydroxy- and Poly(oxy1,2-ethanediyl), .alpha.-[3-[3(2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3(2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4hydroxyphenyl]-1- oxopropoxy]
- Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6 pentamethyl-4-piperidyl sebacate

**2.3 Other hazards:** Based on available data, the mixture is not considered to contain a substance considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances :Not application.

#### 3.2 Mixture

Components			
Chemical Name	Product Identifier	Content (%)	Classification (CLP) (No1272/2008)
Trimethoxy vinylsilane	CAS No:2768-02-7 EC No:220-449-8	1	Flam. liq. 3; H226 Acute Tox. 4, H332
Ethane-1,2-diol (substance with a Community workplace exposure limit)	CAS No: 107-21-1 EC No:203-473-3	<1	Acute Tox. 4, H302 STOT RE 2, H373
Reaction mass of Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- and Poly(oxy 1,2-ethanediyl), .alpha.-[3-[3 (2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4 hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3 (2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4 hydroxyphenyl]-1- oxopropoxy]	CAS No: - EC No: 400-830-7 List No:607-176-00-3	<0,8	Skin Sens. 1A, H317 Aquatic Chronic 2, H411
Reaction mass of bis(1,2,2,6,6-pentamethyl 4-piperidyl) sebacate and methyl 1,2,2,6,6 pentamethyl-4-piperidyl sebacate	CAS No: 1065336-91-5 EC No:-	<0,4	Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one[EC no. 247-500-7] and 2-Methyl-2H -isothiazol-3-one [EC no. 220-239-6](3:1)	CAS No: 55965-84-9 EC No:-	<0,0015	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1A, H317 EUH071
2-Methyl-4-isothiazolin-3-one	CAS No: 2682-20-4 EC No: 220-239-6	<0,00025	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071

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Chemical Name	Product Identifier	M factor	ATE	Specific Concentration Limits
Reaction mass of bis(1,2,2,6,6-pentamethyl 4-piperidyl) sebacate and methyl 1,2,2,6,6 pentamethyl-4-piperidyl sebacate	CAS No: 1065336-91-5 EC No:-	M <sub>acute</sub> =1 M <sub>chronic</sub> =1	-	-
Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one[EC no. 247-500-7] and 2-Methyl-2H -isothiazol-3-one [EC no. 220-239-6](3:1)	CAS No: 55965-84-9 EC No:-	M <sub>acute</sub> =100 M <sub>chronic</sub> =100	-	Skin Corr. 1C; H314: C ≥ %0,6 Skin Irrit. 2; H315: %0,06 ≤ C < %0,6 Eye Dam. 1; H318: C ≥ %0,6 Eye Irrit. 2; H319: %0,06 ≤ C%0,6 Skin Sens. 1A; H317: C ≥ 0,0015 %
2-Methyl-4-isothiazolin-3-one	CAS No: 2682-20-4 EC No: 220-239-6	M <sub>acute</sub> =10 M <sub>chronic</sub> =1	-	Skin Sens. 1A; H317: C ≥ 0,0015 %

H and EUH phrases full text of: see section 16

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General Information:** If you feel unwell, seek medical attention(if possible, show this GBF or label).

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the symptoms persist, seek medical advice/attention.

**Skin contact:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If the symptoms persist, seek medical advice/attention.

**Eye contact:** Rinse cautiously with water for several minutes. If the symptoms persist, seek medical advice/attention.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

May cause an allergic skin reaction.

Please see practical experience in Section 11.

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

**Notes for the doctor:** Treat symptomatically.

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### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable Extinguishing Media:** The product is non-flammable. Use suitable extinguishing agent for surrounding material and type of fire.

**Extinguishing media which must not be used for safety reasons:** No information available.

#### 5.2 Special hazards arising from the product

**Special hazards:** No data available.

#### 5.3 Advice for firefighters

**Special protective equipment for firefighters:** Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA).

**Advice for firefighters:** Use a fire extinguishing method suitable to surrounding conditions. Prevent firefighting residues from entering the sewage system and underground waters. If there is a risk of water contamination, notify the relevant authorities.

### 6. ACCIDENTAL RELEASE MEASURES

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

**6.1.1 For non-emergency personnel:** Ensure adequate ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with the product on the skin and eyes. Use protective equipment as shown in Section 8 of this Safety Data Sheet. In case of contact with skin and/or eyes, rinse with plenty of water. Remove contaminated clothing and wash it before reuse.

**6.1.2 For emergency responders:** Use protective equipment as shown in Section 8 of this Safety Data Sheet and follow the specified precautions. Restrict the entry of unprotected individuals.

#### 6.2 Environmental precautions

Avoid release to the environment.

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

Ventilate the environment. Avoid breathing the vapours. Wear protective clothing as shown in Section 8 of this Safety Data Sheet. Stop leakage if the environment is safe. Absorb spillage with sand, soil, vermiculite or suitable commercial sorbents. Flush the spill area with water. Dispose of collected material or wastes according to local regulations. Dispose of the wastes according to Article 13.

#### 6.4 Reference to other sections

Wear protective clothing as shown in Section 8 of this Safety Data Sheet. See section 7 for safe handling. See section 13 for disposal of wastes.

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### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Work with industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin and eyes during use of chemicals. Remove contaminated clothing and wash before using again. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. All packages should be handled with care and when not in use; should be kept tightly closed. Follow the instructions for use specified by the supplier. Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing. Follow the instructions for use specified by the supplier. Keep out of reach of children.

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

**Storage measures:** Keep container tightly closed in a dry and well-ventilated place. Protect it from direct sunlight. Keep the product in its original packaging. Opened packages should be protected by tightly sealing the mouths. Protect containers from physical damage. Follow the supplier's storage instructions on the label. Keep out of reach of children.

#### 7.3 Specific end use(s)

**Specific end use(s):** No additional information available.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

#### 8.1. Control parameters

##### Ingredients with limit values that require monitoring at the workplace

(CAS No:107-21-1) - Ethane-1,2-diol	TWA:10 mg/m <sup>3</sup> (particulate) TWA: 20 ppm-52 mg/m <sup>3</sup> STEL:40 ppm- 104 mg/m <sup>3</sup> (vapour ) Reference: EH40/2005
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#### 8.2. Exposure controls

**8.2.1 Appropriate engineering controls:** Ensure good ventilation of the work station.

##### 8.2.2 Personal protective equipment

**Eye/face protection:** Use safety goggles that have been tested and approved in accordance with standards such as NIOSH (US) or EN 166 (EU).

**Protection of hands:** Use chemical-resistant protective gloves complying with EN 374.

Glove material selection should be made considering contact time, diffusion and deterioration rates. If the product consists of a mixture of several materials, the glove material durability can not be calculated in advance and in this case the glove material must be checked prior to application. You can consult the manufacturer and Occupational Safety Specialist of the glove material selection.

**Other skin protection:** Wear suitable protective clothing to prevent skin exposure.

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**General protective and hygiene measures:** The usual precautionary measures are to be adhered to when handling chemicals. Do not breath vapours. Avoid contact with skin, eyes and contaminated clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before use. Wash hands before breaks and after work. Ensure that eyewash stations and emergency showers are close to where the work area is located.

**Respiratory protection:** Under normal operating conditions, protective equipment is not required. In cases where the ventilation is insufficient and the exceeding limit values; Respiratory protection tested and approved according to relevant official standards such as NIOSH (USA) or CEN (EU) should be worn.

### 8.2.3 Control of environmental exposure

Avoid release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b> Physical state Colour	Liquid White
<b>Odour</b>	Odourless
<b>Solubility</b>	No data available.
<b>Initial boiling point and boiling range</b>	No data available.
<b>Melting point</b>	No data available.
<b>Ph value</b>	7-9
<b>Flash point</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Upper/lower flammability or explosive limits</b>	No data available.
<b>Flammability</b>	No data available.
<b>Bulk density</b>	No data available.
<b>Relative density</b>	0,95-1,05 gr/cm <sup>3</sup>
<b>Vapour pressure</b>	No data available
<b>Specific gravity</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Partition coefficient (n-octanol/water)</b>	No data available.
<b>Oxidising properties:</b>	No data available.
<b>Explosive Properties:</b>	No data available.
<b>Particle characteristics</b>	No data available.



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### 9.2 Other informations

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1.Reactivity

No data available.

### 10.2.Chemical stability

Stable under normal conditions.

### 10.3.Possibility of hazardous reactions

No data available.

### 10.4.Conditions to avoid

No data available.

### 10.5.Incompatible materials

No data available.

### 10.6.Hazardous decomposition products

No data available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1.Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

**ATE<sub>MIX</sub>** oral LD 50: >2000 mg/kg (calculation method)

**ATE<sub>MIX</sub>** dermal LD 50: >2000 mg/kg (calculation method)

**ATE<sub>MIX</sub>** inhalation LC 50: >20 mg/l (calculation method)

(Cas No: 107-21-1)- Ethane-1,2-diol

LD50 oral:500,1 mg/kg

LD50 dermal: >3500 mg/kg (mouse) (ECHA)

LC50 inhalation:<2,5 mg/l- aerosol (ECHA)

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H - isothiazol-3-one (3:1)

LD50 Oral - Rat - male and female - 66 mg/kg (OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - 0,171 mg/l – aerosol(OECD Test Guideline 403)

LD50 Dermal - Rabbit - male - 87,12 mg/kg Remarks: (ECHA)



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**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Respiratory/Skin Sensitization:** Skin Sensitization, Category 1A, H317 was classified in- May cause an allergic skin reaction.

**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.

### 11.2. Information on other hazards

**Endocrine disrupting properties:** No data available.

## 12. ECOLOGICAL INFORMATION

**Aquatic toxicity:** Aquatic Chronic, Category 3, H412 was classified in- Harmful to aquatic life with long lasting effects.

### 12.1. Toxicity

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H - isothiazol-3-one (3:1)

EC<sub>50</sub> / 72 h 0,048 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 1322

EC<sub>50</sub> / 48 h 0,1 mg/l (Daphnia magna) (OECD 202) S 52

0,0052 mg/l (Skeletonema costatum) (DIN EN ISO 10253) CAR

LC<sub>50</sub> / 96 h 0,22 mg/l (Onchorhyncus mykiss) (OECD 203) S 6

NOEC / 48 h 0,00064 mg/l (Skeletonema costatum) (DIN EN ISO 10253)

NOEC / 21 d 0,004 mg/l (Daphnia magna) (OECD 211) S 52

NOEC / 28 d 0,098 mg/l (Onchorhyncus mykiss) (OECD 210) S 117

NOEC / 72 h 0,0012 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 1322

**Toxicity to organisms in activated sludge:**

(Cas No:55965-84-9) Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H - isothiazol-3-one (3:1)

EC<sub>50</sub> / 3 h 7,92 mg/l (activated sludge) (OECD 209)

EC<sub>20</sub> / 3 h 0,97 mg/l (activated sludge) (OECD 209)

### 12.2. Persistence and degradability

No data available.

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### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Result of PBT and vPvB assessment

Based on available data, the mixture is not considered to contain a substance considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6. Endocrine disrupting properties

None of the ingredients/components is listed at ECHA's endocrine disrupter (ED) assessment list.

### 12.7. Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**General Information:** Dispose of in accordance with local regulations for waste.

**Disposal of the substance / mixture:** The product or waste must be disposed of in a safe manner and in accordance with local regulations for waste. The spilled product must be disposed of in accordance with applicable national and local environmental laws and regulations. Do not allow mixture and / or wastes to enter the environment, plant cover, soil, clean water sources, and sewage.

**Uncleaned Container Disposal Methods:** Containers of uncleaned material must be disposed of in the same manner as the product is disposed of in accordance with the regulations.

## 14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN Number:

Not applicable

### 14.2. UN proper shipping name:

Not applicable

### 14.3. Transport hazard class(es):

Not applicable

### 14.4. Packing Group:

Not applicable

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### 14.5.Environmental hazards:

Not applicable.

### 14.6.Special precautions for user:

Not applicable.

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

Not applicable.

## 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
  - CLP (classification, labelling and packaging) Regulation (EC) 1272/2008
  - Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
- **Regulation (EC) No 1907/2006 Annex XVII:** Contains no REACH substances with Annex XVII restrictions.
- **REACH Annex XIV (Authorisation List):** Contains no REACH Annex XIV substances.
- **REACH Candidate List (SVHC):** Contains no substance on the REACH candidate list.

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

## 16. OTHER INFORMATION

- **Hazard Statements (CLP)**
- H226: Flammable liquid and vapour.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H310: Fatal in contact with skin.
- H311: Toxic in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.

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H332: Harmful if inhaled.

H373: May cause damage to organs through prolonged or repeated exposure exposure cause the hazard.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

EUH071: Corrosive to the respiratory tract.

### ***Classification and Procedure Used to Derive the Classification for Mixtures According to Regulation (EC) 1272/2008 [CLP]***

Skin Sensitization, Category 1A, H317	calculation method
Aquatic Chronic, Category 3, H412	calculation method

### ***Abbreviations***

**ACGIH:** American Conference of Governmental Industrial Hygienists

**ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road

**ADNR:** European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

**ATE:** Acute Toxicity Estimate

**BCF:** Bioconcentration Factor

**CAS No:** Chemical Abstract Service

**CLP:** Classification Labelling and Packaging

**CL50/LC50:** Lethal Concentration 50

**DL50/LD50:** Lethal Dose 50

**DMEL:** Derived Minimal Effect Level

**DNEL:** Derived No-Effect Level

**GHS:** Global Harmonised System

**EC No:** European Inventory of Existing Commercial

**ECHA:** European Chemicals Agency

**EH40/2005:** United Kingdom - Occupational Exposure Limits

**IATA /ICAO:** International Air Transport Association/ International Civil Aviation Organization

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**IMDG:** International Maritime Code for Dangerous Goods

**OEL:** Occupational Exposure Limit

**OSHA:** Occupational Safety and Health Administration

**PBT:** Persistent Bioaccumulating and Toxic

**PNEC:** Predicted No-Effect Concentration

**REACH:** Registration, Evaluation, Authorisation and Restriction Of Chemicals

**RID:** Regulation concerning the International Carriage of Dangerous Goods by Rail

**STOT:** Target Organ Systemic Toxicity

**SDS:** Safety Data Sheet

**SVCH:** Substance of Very High Concern

**TLV-STEL:** Threshold Limit Value-Short Term Exposure Limit

**TWA:** Threshold Limit Value Time Weighed

**vPvB:** Very Persistent and very Bioaccumulating

### - **Issued Note:**

This SDS is prepared based on the information and documents received from product owner. BESChem Mühendislik&Danışmanlık-Sibel Gümüşdere shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

**Disclaimer-** This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

### - **Revision Explanations**

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**Organized by:** Sibel Gümüşdere (License No: TÜV 11.117.06)