

SAFETY DATA SHEET

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



SDS Form No: GM103

Date of Issue: 05.04.2023

Date of Revision:-
Version:00-01

ExperPrime PP 20

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

1.1 Product identifier:

Product Name	ExperPrime PP 20
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1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Polyurethane based, single component, solventborne waterproofing primer- for professional users.

Uses advised against: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet:

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

1.4 Emergency telephone number:

Emergency Phone:	+90 (232) 422 03 93
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2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)	
Health hazards	Skin Irritation, Category 2, H315
	Skin Sensitization, Category 1, H317
	Eye Irritation, Category 2, H319
	Respiratory Sensitization, Category 1, H334
	STOT Single Exposure, Category 3, H335
	Carcinogenicity, Category 2, H351
	STOT Repeated Exposure, Category 2, H373

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2.2. Label elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)		
Hazard Pictograms:		
Signal word	Danger	
Hazard statements	<p>H315: Causes skin irritation. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure exposure cause the hazard.</p>	
Precautionary statements		
Prevention	<p>P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash ... thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P284: Wear respiratory protection.</p>	
Response	<p>P302+P352: IF ON SKIN: Wash with plenty of soap and water. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES CONTACT: Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: – IF exposed or concerned: Get medical advice/attention. P314: Get medical advice/attention if you feel unwell. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P321: Specific treatment (see ... on this label). P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. P362+P364: Take off contaminated clothing and wash it before reuse.</p>	

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Storage	P403 + P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal	P501: Dispose of contents and container to in accordance with local and national regulation.

Hazard content(s): Methyleneediphenyl diisocyanate

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances

Not application.

3.2 Mixture

Components			
Chemical Name	Product Identifier	Content (%)	Classification (CLP) (No1272/2008)
Xylene	Cas No: 1330-20-7 EC No: 215-535-7 EC Index No: 601-022-00-9	≥20 - <25	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
Methyleneediphenyl diisocyanate	Cas No: 26447-40-5 EC No: 247-714-0 EC Index No: 615-005-00-9	≥10 - <15	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 <u>Specific Concentration limits and ATE</u> ≥ 5 %: Eye Irrit. 2, H319; ≥ 5 %: STOT SE 3, H335; ≥ 5 %: Skin Irrit. 2, H315; ≥ 0,1 %: Resp. Sens. 1, H334;

H phrases full text of: see section 16

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4. FIRST AID MEASURES

4.1. Description of first aid measures

General Information: Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation: Remove to fresh air. If breathing is difficult or if he is unable to breathe, apply artificial respiration. If unconscious, keep in rescue position and seek medical attention.

Skin contact: Take off immediately all contaminated clothing. Wash your skin thoroughly with soap and water or use an approved skin cleanser. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Immediately flush eyes with plenty of water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

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

No data available.

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

Notes for the doctor: Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

General information: The product does not have spontaneously flammable properties.

Suitable Extinguishing Media: Carbon dioxide, extinguishing powder, water spray. Use water spray for large fires.

Unsuitable Extinguishing Media: Do not use a high pressure water jet.

5.2 Special hazards arising from the product

Special hazards: Burning may produce toxic gases.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear appropriate protective equipment and self-contained breathing apparatus.

Advice for firefighters: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. For personal protection details see Section 8 of the Safety Data Sheet. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes. Surround the contaminated area with signs and do not allow unauthorized personnel to access the area. Spill turn the leaking containers with the leaked part up.

6.2 Environmental precautions

Improper discharging to environment may cause water and environment pollution. Avoid dispersal of spilled material runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product cause environmental pollution.

6.3 Methods and material for containment and cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Comply with local regulations. Wear protective clothing as shown in Section 8 of this Safety Data Sheet. See section 7 for safe handling. Dispose of contaminated material as waste in accordance with section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions: Avoid direct contact with the product. Make sure to have good ventilation in work areas. Do not get in eyes or on skin or clothing. Keep it away from fire and do not smoke near the product. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Workers should wash hands with water and soap after dealing with chemicals. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Take necessary precautions to prevent damage to the original packaging. Keep out of the reach of children.

Advice on general occupational hygiene: Do not eat, drink or smoke when using this product. Keep working clothing separate from other clothing, food and tobacco products. 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. Wash thoroughly after handling. There should be eye and body showers in the process area and where it is used. Follow the instructions for use specified by the supplier.

Protection against fire and explosion: Extinguishing media should be ready to use. Keep away from heat sources. Protect against electrostatic charging.

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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Keep container tightly closed and sealed. Containers must be kept upright to prevent leakage. Store in original container. Smoking, eating and drinking should be prohibited. The storage area should be dry, cool and well-ventilated. Keep it away from direct sunlight and freezing temperatures. Keep away from strong acids, bases and oxidizing agents. Keep away from food, drink and animal feeding areas. Keep away from open fire sources, sparks and heat. Follow the guidelines that are used to store chemicals. Additional information on storage conditions: Pay attention the information on the label. Storage must be cleaned regularly, and the ventilation system, temperature and humidity controls must be performed regularly. Storage areas should be kept between 5 °C to 25 °C. Store in original containers. Store locked up.

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				
Xylene (Cas No: 1330-20-7)	EU-	IOELV TWA (mg/m ³): 221 mg/m ³ IOELV TWA (ppm) : 50 ppm IOELV STEL (mg/m ³): 442 mg/m ³ IOELV STEL (ppm) : 100 ppm		
		Notes: Skin		
methylenediphenyl diisocyanate (Cas No: 26447-40-5)	USA OSHA	OSHA PEL (Ceiling) (mg/m ³): 0.2 mg/m ³ OSHA PEL (Ceiling) (ppm): 0.02 ppm		

DNEL/PNEC

Xylene (Cas No: 1330-20-7)

Relevant DNELs and other threshold levels				
Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	221 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	442 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
DNEL	221 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
DNEL	442 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
DNEL	212 mg/kg bw/ Day	human, dermal	worker (industry)	chronic - systemic effects

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Relevant PNECs and other threshold levels

End-point	Threshold level	Organism	Environmental compartment	Exposure time
PNEC	0,327 mg/l	aquatic organisms	freshwater	short-term (single instance)
PNEC	0,327 mg/l	aquatic organisms	marine water	short-term (single instance)
PNEC	6,58 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
PNEC	12,46 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
PNEC	12,46 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
PNEC	2,31 mg/kg	terrestrial organisms	soil	short-term (single instance)

8.2. Exposure controls

8.2.1 Appropriate engineering controls: Make sure the area is well-ventilated and cleaned in order to avoid the risk of occupational exposure limit values. Areas should be designed to avoid contamination of the product. See section 7.

8.2.2 Personal protective equipment

Make sure that the personal protective equipment is used in accordance with the relevant regulations and instructions.

Eye/face protection: Safety glasses with side shields or chemical protection if there is a risk of splashing (tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)).

Hand protection: Wear suitable protective gloves.

Selection of the glove material: The selection of the suitable gloves material is not only limited with its material, it also depends on its kind and quality vary from manufacturer to manufacturer. The resistance of the glove material can not be determined in advance, therefore, it should be tested by applying the product.

Penetration time of the glove material: It should be tested and determined by the glove manufacturer.

Body protection: Use personal protective equipment for the body and boots.

General protective and hygiene measures: The usual precautionary measures are to be adhered to when handling chemicals. Only use in well ventilated areas. Avoid inhalation of vapours. Wash hands, forearms and face thoroughly after handling chemical products. Avoid contact with skin, eyes and contaminated clothing. If skin is contaminated, wash with soap and plenty of water. Do not take contaminated clothing out of the workplace. Ensure that eyewash stations and emergency showers are close to where the work area is located. Keep away from food, drink and animal feedingstuffs.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The use of respiratory protective equipment is not required under normal conditions.

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8.2.3 Control of environmental exposure

Obligations for the protection of the environment must be fulfilled.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	
<i>Physical state</i>	Liquid
<i>Colour</i>	Light Yellowish
Odour	Characteristic
Solubility	Insoluble.
Initial boiling point and boiling range	No data available.
Melting point	No data available.
pH value	No data available.
Flash point (closed cup)(°C)	>70 °C
Auto-ignition temperature	No data available.
Upper/lower flammability or explosive limits	No data available.
Flammability	No data available.
Self-ignition	No data available.
Bulk density	No data available.
Density	1,00±0,5 gr/cm ³
Vapour pressure	No data available
Specific gravity	No data available.
Viscosity (cps) (@25 °C) :	100-200
Partition coefficient (n-octanol/water)	No data available.
Oxidising properties:	No data available.
Explosive Properties:	No data available.
Particle characteristics	No data available.

9.2 Other informations

No data available.

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10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable when stored and handled as recommended.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Keep away from acids, bases, amines and oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Primary exposure under normal use, takes place by contact with skin and eyes.

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

LD50_{ORAL MIX} : > 2000 mg/kg (calculated value)

LD50_{INHALATION MIX} : > 20 mg/l (calculated value)

Skin corrosion/irritation: Skin Irritation, Category 2, H315 was classified in- Causes skin irritation.

Serious eye damage/irritation: Eye Irritation, Category 2, H319 was classified in- Causes serious eye irritation.

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

Respiratory Sensitization, Category 1, H334 was classified in- May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Carcinogenicity, Category 2, H351 was classified in- Suspected of causing cancer.

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

STOT (single exposure): STOT Single Exposure, Category 3, H335 was classified in- May cause respiratory irritation.

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STOT (repeated exposure): STOT Repeated Exposure, Category 2, H373 was classified in- May cause damage to organs through prolonged or repeated exposure exposure cause the hazard.

Aspiration hazard: Based on available data, the classification criteria are not met.

Eyes: Causes serious eye irritation.

Skin: Causes skin irritation.

Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Ingestion: There is no information about the formation of intoxication after ingestion, however, ingestion of chemicals is harmful to health.

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

Medical symptoms: There is no information

Medical warnings: There is no information

11.2. Information on other hazards

Endocrine disrupting properties: None of the ingredients declared by the supplier are listed on ECHA's endocrine disrupter (ED) assessment list.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Not classified as harmful to aquatic life. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

No test information is available for this product.

Xylene (Cas No: 1330-20-7) Aquatic toxicity (acute)				
Endpoint	Value	Species	Source	Exposure time
LC50	2,6 mg/l	rainbow trout	ECHA	96 h
ErC50	4,7 mg/l	algae	ECHA	72 h
Xylene (Cas No: 1330-20-7) Aquatic toxicity (chronic)				
Endpoint	Value	Species	Source	Exposure time
EC50	2,2 mg/l	algae	ECHA	73 h

Methylenediphenyl diisocyanate (Cas No: 26447-40-5): No data available.

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12.2. Persistence and degradability

Xylene (Cas No: 1330-20-7): Oxygen depletion, 98%, 28 d; The substance is readily biodegradable.

Methylenediphenyl diisocyanate (Cas No: 26447-40-5): No data available.

12.3. Bioaccumulative potential

Xylene (Cas No: 1330-20-7): No data available.

Methylenediphenyl diisocyanate (Cas No: 26447-40-5): No data available.

12.4. Mobility in soil

Xylene (Cas No: 1330-20-7): No data available.

Methylenediphenyl diisocyanate (Cas No: 26447-40-5): No data available.

12.5. Result of PBT and vPvB assessment

This substance/mixture contains no components considered to be either 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 declared by the supplier are listed on ECHA's endocrine disrupter (ED) assessment list.

12.7. Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1. Product / Packaging disposal

- The product should not be allowed to enter drains, water courses or the soil.
- Do not contaminate ponds, waterways or ditches with chemical or used container.
- Disposal according to local authority regulations.
- Contact waste disposal services.

13.2. Contaminated packaging

- If there is product residue in the emptied container, follow directions for handling on the container's label.
- Contaminated packaging must be emptied of all residues and can be recycled following appropriate cleaning.

13.3. Disposal Methods

- Dispose of chemicals waste or in accordance with local regulations.
- Follow all applicable local laws, rules and regulations regarding the proper disposal of this material.
- If this product has been altered or contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine proper method for disposal

13.4. European Waste Catalogue

- The final classification has to be done together with the local waste disposal company /authority

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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

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 substances with REACH 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.

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16. OTHER INFORMATION

- ***Hazard Statements (CLP)***

H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351: Suspected of causing cancer.

H335 May cause respiratory irritation.

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

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

Skin Irritation, Category 2, H315	calculation method
Skin Sensitization, Category 1, H317	calculation method
Eye Irritation, Category 2, H319	calculation method
Respiratory Sensitization, Category 1, H334	calculation method
STOT Single Exposure, Category 3, H335	calculation method
Carcinogenicity, Category 2, H351	calculation method
STOT Repeated Exposure, Category 2, H373	calculation method

- ***Abbreviations***

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

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BCF: Bioconcentration Factor

BOD: Biological Oxygen Demand

BMGV: Biological Monitoring Generally Accepted Value

CAS No: Chemical Abstract Service

CLP: Classification Labelling and Packaging

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

DMEL: Derived Minimum Effect Level

DNEL: Derived No Effect Level

GHS: Global Harmonised System

EC No: European INventory of Existing Commercial

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

IMDG: International Maritime Code for Dangerous Goods

Log Kow, Log Pow: Logarithm of octanol-water partition coefficient

OEL: Occupational Exposure Limit

PNEC: Predicted No Effect Concentration

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

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

TWA: Threshold Limit Value Time Weighed

PBT: Persistent Bioaccumulating and Toxic

STOT: Target Organ Systemic Toxicity

SDS: Safety Data Sheet

SVCH: Substance of Very High Concern

vPvB: Very Persistent and very Bioaccumulating

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- **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.

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- **Revision Explanations**

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