

SAFETY DATA SHEET

Prepared in accordance with 1907/2006 EC (REACH), Annex II - 1272/2008 CLP; 453/2010' and the TR Ministry of Environment, Urbanization and Climate Change, KKDIK Regulation, Annex-2 (numbered 23.06.2017-30105).

VODASEAL NoToNem Moistproofing Paint - White

Preparation Date:	12.01.2023	Version:	2
Date of update:	20.03.2024	SDS No:	KDU-EU-0289
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1. DESCRIPTION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/OWNER

1.1 Information about the Article

Trade Name : VODASEAL NoToNem Moistproofing Paint – White
Product code: -

1.2 Use of the substance/preparation

Prevention of moisture and dampness

1.3 Introduction of the Company/Business Owner

Company Name: NM Dış Ticaret Pazarlama Ltd. Şti.
Address: Orhantepe Mah. Defne Sok. No:18/A 34865
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1.4 Providing Information About the Safety Data Sheet

Emrah ALAGÖZ – NM - alagoz@nmdisticaret.com - +90 216 387 34 52

1.5 Consultation in Emergency Situations

Company Emergency Consultation: +90 216 387 34 52
Emergency First Aid Center: 112
National Poison Information Center: 114
Fire department: 110



2. HAZARDS IDENTIFICATION

2.1 Classification of Substance or Mixture

Hazard classes and category codes according to EC 1272/2008 (CLP):

Physical Hazards: Flammable liquid: Category 3; H226

Health Hazards: Aspiration Toxicity : Category 1; H304
Skin Irritation: Category 2; H315
STOT SE : Category 3; H336
STOT RE : Category 1; H372

Environmental Hazards: Aquatic Chronic: Category 2; H411

2.2 Label Elements

2.2.1 Labeling in accordance with CLP

2.2.1.1 Hazard pictograms



Signal Word: Danger

Hazard-determining components for labeling:

Solvent Naphtha (Petroleum), Medium Aliphatic

2.2.1.2 Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects

2.2.1.3 Precautionary statements

General purpose:

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P101 If medical advice is required, keep the packaging or label.
P102 Keep out of reach of children.
P103 Read the label before use.

Precaution:

P210 Keep away from heat/sparks/flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond the container and receiving equipment.
P241 Use explosion-proof electrical/ventilation/ignition/.../material.
P242 Use only non-flammable tools.
P243 Take preventive measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapour/spray.
P261 Avoid breathing dust/fume/gas/mist/vapor/spray.
P264 Without handling later ... Wash thoroughly with.
P270 Do not eat, drink or smoke while using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention:

P312 If you feel unwell, call the POISON CENTER or doctor/physician.
P314 If you feel unwell, seek medical advice/intervention.
P321 Special intervention required (see label)
P331 DO NOT induce vomiting.
P362 Remove contaminated clothing and wash before reuse.
P391 Pick up debris.
P301+P310 IF SWALLOWED: Call a POISON CENTER or doctor/physician.
P302+P352 IF IN CONTACT WITH SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Immediately remove/take off all contaminated clothing. Rinse your skin with water/shower.
P304+P340 IF INHALED: If breathing is difficult, remove victim to fresh air and keep in a position comfortable for breathing.
P332+ P313 If skin irritation occurs: Get medical advice/attention.
P370+P378 In case of fire: For extinguishing... Use, (suitable material specified by the manufacturer).

Storage:

P403+P235 Store in a well-ventilated area. Keep it cold.
P403+P233 Store in a well-ventilated area. Keep container tightly closed.
P405 Keep under lock and key.

Disposal:

P501 Dispose of contents/container properly.

2.3 Other Damages

It has no known harm other than labeling elements.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	%	CAS No	EC No	Classification
solvent naphtha (petroleum), medium aliph .	≤25	64742-88-7	265-191-7	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 STOT RE 1; H372 Aquatic Chronic 2; H411
Ethane-1,2-diol	≤0.2	107-21-1	203-473-3	Acute Tox. 4; H302 STOT RE 2; H373

*The classification of this chemical substance was made by the manufacturer.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

4.1.1 General Warnings: Obtain medical advice in all cases.

4.1.2 Inhalation: Take the person to fresh air. If breathing is interrupted, apply artificial respiration. Seek medical advice/advice immediately.

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4.1.3 Skin Contact: Remove contaminated clothing. Rinse the skin immediately by taking a shower. Seek medical advice/advice immediately. Wash contaminated clothing before reuse.

4.1.4 Eye Contact: If lenses are worn, remove them. Open the eyelids wide and rinse immediately with plenty of water for at least 15 minutes. If the problem persists, consult a doctor.

4.1.5 Ingestion: Get medical advice/advice immediately. Do not induce vomiting. Do not practice anything that is not expressly authorized by a doctor.

Long-Term Effects: No data available.

4.2 Most important symptoms/effects, acute & delayed:

Specific information about symptoms and effects caused by the product is not known.

4.3 Symptoms requiring immediate medical attention and special treatment

No further significant information is available.

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Materials

Fire extinguishing agents are: carbon dioxide, foam, chemical powder. In the event of unburned product leaks and spills, water spray can be used to disperse flammable vapors and protect those trying to stop the leaks.

5.2 Unsuitable Extinguishing Materials

Do not use water jets. Water is not effective for extinguishing fires, but can be used to cool containers exposed to flames to prevent explosions.

5.3 Hazardous Decomposition/Combustion Products

DAMAGES CAUSED BY EXPOSURE IN CASE OF FIRE

Excessive pressure may occur in containers exposed to fire with risk of explosion. Avoid breathing combustion products.

5.4 Special Protection Initiative and Special Protective Equipment for Firefighters

decomposition of the product and the formation of potentially harmful substances. Always use full fire protection equipment. Collect extinguishing water to prevent it from discharging into the sewer system. Contaminated water and fire residues used for fire extinguishing must be disposed of in accordance with the regulations in force.

Special Protective Equipment for Fire Fighting Teams

Normal equipment for firefighting, such as self-contained open-circuit compressed air breathing apparatus (EN 137), protective clothing for firefighting (EN 469), protective gloves for firefighters (EN 659) and firefighting boots (HO A 29 or A30). equipment.

5.5 Other Information

Avoid breathing gases released during fire, they may be harmful to health.

Evacuate personnel out of reach of the chemical hazard.

Cool the packages at the fire scene and evacuate safely.

Avoid polluting the environment by using more fire extinguishers than necessary.

Firefighting residues should not be allowed to reach sewers and groundwater.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

If there is no danger, prevent leakage.

equipment (including personal protective equipment specified in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing . These indications apply to both working personnel and those involved in emergency procedures.

protective equipment from the relevant area. Use explosion-proof equipment. Remove any ignition or heat source (cigarette, flame, spark, etc.) from the area where the leak occurred .

6.2 Environmental Precautions

Prevent it from entering sewers/surface water/groundwater. If safe to do so, prevent further leakage or spillage.

In case of contamination with water or sewage, notify the competent authorities.

6.3 Methods and Materials for Containment and Cleanup

Collect the leaking/flowing product into a suitable container. Check the suitability of the product and the container to be used by checking Section 10. Absorb the remainder with inert absorbent material.

Ensure that the area where the leak occurred is adequately ventilated. Disposal of contaminated material must be carried out in accordance with the provisions contained in chapter 13 .

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6.4 Additional Warnings

Get information about safe use from Chapter 7. Get information about personal protective equipment from Chapter 8. Get information about liquidation from Chapter 13.

7. HANDLING AND STORAGE

7.1 Use/Handling

To ensure the protection of health, safety and the environment, the provisions of the "Regulation on Health and Safety Precautions in Working with Chemical Substances", which came into force after being published in the Official Gazette dated 26/12/2003 and numbered 25328, regarding the measures to be taken in works and workplaces where hazardous chemicals are used, must be followed, Care should be taken to plan working procedures in the workplace and take organizational measures.

Warnings for safe use:

When using chemicals, it is mandatory to comply with industrial hygiene standards to prevent ingestion and contact with eyes and skin. Employees working with this substance should be given training explaining the dangers of the substance and how to behave while working. Keep out of reach of children. Take your personal protective measures. Keep away from heat sources, sparks and naked flames, do not smoke, do not use matches or lighters. Without proper ventilation, vapors can accumulate just above the floor and, if triggered, can subsequently ignite with the risk of catching fire. Avoid electrostatic charge accumulations. During liquid transfer operations, connect large-sized packages to a grounding system and wear antistatic shoes. Strong agitation and rapid flow of liquid in pipes and devices can cause the formation and accumulation of electrostatic charges. To avoid the risk of fire and explosion, never use compressed air when handling. Open containers with care as they may be under pressure. Do not eat, drink or smoke during use. Prevent the product from spreading into the environment.

Technical Measures

Do not keep near food, drink, medicines, cosmetics or fertilizers.

Keep away from children.

Precautions for the environment

Prevent it from entering sewers/surface water/groundwater. If it mixes with water or sewage, notify the competent authorities and inform them.

Special Rules for Manual Handling

Avoid direct contact with the substance. Use personal protective equipment. Make sure the environment is well ventilated. Avoid contact with eyes and skin. Do not approach sources that may cause fire.

Warnings to protect against fire and explosion:

Keep away from flammable objects – do not smoke.

Additional Information

Take the necessary precautions to prevent damage to the original packaging.

7.2 Storage

Store only in its original container. Store containers in closed, well-ventilated areas and away from direct sunlight. Store in cool and well-ventilated places, away from heat sources, naked flames, sparks and other sources of ignition. Keep containers away from possible incompatible materials, checking the instructions in Section 10.

7.3 Specific end uses

No further significant information is available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

There is no product specific data.

8.2 Exposure Controls



Exposure Limit Values:

No data available.

Exposure Controls:

Occupational Exposure Controls: The equipment and appropriate protection methods to be used where personal protection is required are defined in accordance with the "Personal Protective Equipment Regulation" dated 9.2.2004 and numbered 25368. Make sure that personal protective equipment is used in accordance with the relevant regulation.

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It is necessary to periodically monitor the vapor concentration in usage areas.
Store protective clothing separately.
Provide good ventilation.

8.2.1 Personal Protective Measures

General protective and sanitary measures:

Keep away from foodstuffs, beverages and feedstuffs.

Immediately remove contaminated or contaminated clothing.

Wash your hands before breaks and at the end of work.

Avoid contact with your eyes and skin.

After contact with the body, please clean with sufficient water and soap or use appropriate cleaning products if necessary.

Since the use of adequate technical equipment must always take precedence over personal protective equipment, good ventilation of the workplace by means of effective local suction must be guaranteed.

personal protective equipment , consult your own chemical suppliers, if necessary.

Personal protective equipment must bear the CE marking proving their compliance with applicable standards.

Provide an emergency shower with an eye and face wash tank.

The product should be used in closed circuit in the presence of strong local suction and in strongly ventilated environments.

Exposure levels need to be kept as low as possible to prevent significant accumulation in the organism. Manage personal protective equipment to ensure maximum protection (e.g. reducing replacement times).

8.2.1.1 Respiratory: If the threshold value (e.g. TLV-TWA) of the substance or one or more substances contained in the product is exceeded, it is recommended to wear a mask with a type A filter, whose class (1, 2 or 3) will be selected according to the use limit concentration. (ref. EN 14387 standard). In the presence of different gases or vapors and/or particulate gases or vapors (aerosol, smoke, fog, etc.), it is necessary to use combined type filters.

If the technical measures applied are not sufficient to limit the worker's exposure to the considered threshold values, respiratory protection devices must be used. In all cases, the protection provided by a mask is limited.

If the substance considered is odorless or its odor threshold is higher than the relevant TLV-TWA value and in case of emergency, self-contained open-circuit compressed air breathing apparatus (ref. EN 137 standard) or external air intake breathing apparatus (ref. EN 138 standard) use it. For correct respiratory protection equipment selection, see EN 529 standard.

8.2.1.2 Hand protection: Protect hands with category III work gloves (ref . standard EN 374).

For the selection of work gloves material, the following aspects should be taken into account: compatibility, degradation , disintegration time and permeability.

Since the chemical resistance of work gloves in mixtures is not predictable, it should be checked before use.

The wear time of gloves depends on the duration of use and the way they are used.

8.2.1.3 Eye protection: It is recommended to wear airtight protective glasses (ref . EN 166 standard).

8.2.1.4 Skin protection: Wear long-sleeved overalls and safety shoes for professional use in category II (see Regulation 2016/425 and standard EN ISO 20344). After removing protective clothing, wash your body with soap and water.

8.2.2 Environmental Exposure Controls

To prevent effects on people and the environment, work in accordance with the instructions.

including emissions from ventilation devices , must be checked for compliance with environmental protection normatives. Product residues should not be discharged uncontrolled into wastewater or waterways.

8.3 Other Information

See Chapters 6, 7, 12, 13.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Smell	Characteristic
Odor Threshold	Not specified
pH	Not applicable.
Melting point/freezing point	No data available.
Boiling point	No data available.
Flash point	> 24 °C
Evaporation rate	No data available.
Flammability solid and gas	No data available.
Flammability limits	
Lower	No data available.

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Uper	No data available.
Explosive limits	
Lower	No data available.
Uper	No data available.
Vapor pressure	No data available.
Intensity	1.45 ±0.1 g/cm ³
Solubility / miscibility	No data available.
Water solubility	
Distribution coefficient (n-Octanol / Water)	No data available.
Ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	300-4500
Explosive properties	No data available.
Oxidizing properties	No data available.

9.2 Other information

No further significant information is available.

10. STABILITY AND RESPONSIBILITY

10.1 Reactivity

There is no special risk of reaction with other substances under normal use conditions.

Ethane-1,2-diol

absorbs moisture in the air . It dissolves at temperatures above 200°C/392°F.

10.2 Chemical Stability

The product is stable under normal use and storage conditions.

10.3 Possibility of Hazardous Reactions

Vapors may form explosive mixtures with air.

Ethane-1,2-diol

There is a risk of explosion in contact with: perchloric acid. May react dangerously with: chlorosulfuric acid, sodium hydroxide, sulfuric acid, phosphorus pentasulfide, chromium (III) oxide, chromyl chloride, potassium perchlorate, potassium dichromate, sodium peroxide, aluminium. Forms explosive mixtures with: air.

10.4 Conditions to Avoid

Prevent overheating. Avoid electrostatic charge accumulations. Avoid any source of ignition.

Ethane-1,2-diol

Avoid contact with: heat sources, uncontrolled flame.

10.5 Incompatible Substances

No data available.

10.6 Hazardous Decomposition Products

thermal decomposition or fire, gases and vapors that may be harmful to health may be released.

Ethane-1,2-diol

Can form: hydroxyacetaldehyde , glyoxal , acetaldehyde , methane, carbon monoxide, hydrogen.

11. TOXICOLOGICAL INFORMATION

In the absence of experimental toxicological data on the product, the possible health hazards of the product have been evaluated according to the criteria envisaged in the normative context taken as reference for classification on the basis of the substance properties covered.

Therefore, to evaluate toxicological effects resulting from exposure to the product, consider the concentrations of individual substances possibly mentioned in section 3 .

11.1 Acute Toxicity

Information regarding possible routes of exposure

Ethane-1,2-diol

WORKERS: Respiratory; skin contact

GENERAL POPULATION: Breathing of ambient air; Contact with products containing the substance.

Delayed, immediate and chronic effects due to short and long-term exposure

Ethane-1,2-diol

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Ingestion initially stimulates the central nervous system; It is then replaced by a phase of depression. Kidney damage may occur with anuria and uremia. Symptoms of overexposure include: vomiting, drowsiness, difficulty breathing, convulsions. Lethal dose for humans is approx . 1.4ml/kg.

Interactive effects

No data available.

Acute Toxicity

Contents of ATE (Inhalation) mixture: Not classified (no significant ingredients)

Contents of ATE (oral) mixture: Not classified (no significant ingredients)

Contents of ATE (via skin) mixture: Not classified (no significant ingredients)

Ethane-1,2-diol

LD50 (via skin): 9530 mg/kg Rabbit

LD50 (Oral): > 2000 mg/kg Rat

solvent naphtha (petroleum), medium aliph .

LD50 (via skin): > 2000 mg/kg Rabbit

LD50 (Oral): > 5000 mg/kg Rat

Serious eye damage/irritation

Based on available data, it does not meet the classification criteria.

Skin corrosion/irritation

Causes skin irritation.

Respiratory or skin sensitization

Based on available data, it does not meet the classification criteria.

11.2 Chronic Toxicity (Carcinogenic , Mutagenic and Toxic Effect on Reproduction)

Germ cell mutagenicity

Based on available data, it does not meet the classification criteria.

Carcinogenicity

Based on available data, it does not meet the classification criteria.

Ethane-1,2-diol

Studies have shown no carcinogenic potential. In a two-year carcinogenicity study conducted by the US National Toxicology Program (NTP) in which ethylene glycol was administered to the diet, "no evidence of carcinogenic activity" was observed in male and female B6C3F1 mice (NTP, 1993).

reproductive toxicity

Based on available data, it does not meet the classification criteria.

Specific target organ toxicity - single exposure

It may cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

It causes damage to organs.

Aspiration hazard

It is toxic to inhalation.

11.3 Other Toxicological Effects

No further significant information is available.

12. ECOLOGICAL INFORMATION

Apply good working practices before disposing of the product into the environment. Avoid throwing garbage into the environment. Notify authorities if the product reaches waterways or contaminates soil or vegetation.

12.1 Toxicity

solvent naphtha (petroleum), medium aliph .

LC50 - Fish 2 mg/l/96h Oncorhynchus mykiss

EC50 - Molluscs 1.4 mg/l/48h Daphnia magna

12.2. Persistence and Degradability

Ethane-1,2-diol

Water solubility 1000 - 10000 mg/l

It can decompose quickly .

solvent naphtha (petroleum), medium aliph .

It can decompose quickly .

12.3 Bioaccumulation Potential

Ethane-1,2-diol

Partition coefficient: n- octanol /water -1.36

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12.4 Mobility in Soil

There is no product specific data.

12.5 Results of PBT and vPvB assessment

does not contain any components considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher .

12.6 Other Adverse Effects

No further significant information is available.

13. DISPOSAL INFORMATION

13.1 Recommendation for Product Disposal

- Dispose of the absorbed material by incinerating it in a suitable licensed facility.
- Waste and used packaging must be disposed of in accordance with official regulations.
- Prevent it from mixing with surface and groundwater, drinking water sources, standing and flowing water, and sewage.

13.2 Safe Disposal

- The product must be disposed of in accordance with official regulations.
- Do not allow the product to be disposed of with household garbage.
- It is strictly forbidden to mix the product into sewers and groundwater.
- In such cases, notify the official authorities.

13.3 European Waste Catalog and Hazardous Waste List Number

- Allocation of waste identification numbers / waste descriptions should be industry and process specific according to EWC.

13.4 Uncleaned Packaging

- RECOMMENDATION: It is recommended to dispose of it in accordance with official regulations.

13.5 Recommended Cleaning Agent:

- Deliver the used packaging to institutions or organizations that provide professional waste disposal services.

13.6 Additional Information:

Empty containers should be left for waste recycling or reconstruction . Packaging that is not disposed of in accordance with the rules is classified as special waste .

See national and international legislation regarding waste.

Do not dispose of the product without checking the waste regulations.

safe handling methods, see Chapter 7.

14. TRANSPORTATION INFORMATION

14.1 UN number

ADR, IMDG, IATA

UN 1263

14.2 Proper UN transport name

ADR/RID

IMDG

IATA

PAINT or PAINT RELATED MATERIAL

PAINT or PAINT RELATED MATERIAL

PAINT or PAINT RELATED MATERIAL

14.3 Transport hazard class f (s)

ADR, IMDG, IATA

3



14.4 Packaging group

ADR, IMDG, IATA

III

14.5 Environmental damages

Marine pollutant:

Not applicable.

14.6 Special precautions for user

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ADR/RID

Tunnel Restriction Code: (D/E)

Limited Quantities: 5L

IMDG

Limited Quantities: 5L

EMS Number: F- E , S -E

IATA

Packing instruction (cargo plane): 366/355

Maximum quantity: 220 L

Packaging instruction (passenger aircraft): 366/355

Maximum quantity: 60 L

Bulk transport according to MARPOL 73/78 annex II and IBC code

No data available.

15. LEGISLATION INFORMATION

15.1 Safety, Health and Environmental Regulations Specific to the Substance or Mixture

See Chapter 2 for classification and labeling information.

Regulation on Health and Safety Measures in Working with Carcinogenic or Mutagenic Substances published in the Official Gazette No. 28730 dated 6 August 2013

Classification in accordance with the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" (SEA) published in the Official Gazette dated 11/12/2013 and numbered 28848 (repeated).

KKDIK Regulation No. 30105 dated 23/06/2017 Restrictions on the Manufacturing, Placing on the Market and Use of Certain Harmful Substances, Mixtures and Articles

Regulation on Health and Safety Measures in Working with Chemical Substances published in the Official Gazette dated 12/08/2013 and numbered 28733

Regulation on the Transport of Dangerous Substances by Road published in the Official Gazette dated 18/06/2022 and numbered 31870

Personal Protective Equipment Regulation published in the Official Gazette No. 30761 dated 01/05/2019

Regulation on the Use of Personal Protective Equipment in Workplaces published in the Official Gazette dated 02/7/2013 and numbered 28695.

15.2 Chemical Safety Assessment

Chemical safety assessment is not available.

16. OTHER INFORMATION

16.1 Relevant H Clauses (Section 3)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects

16.2 Prepared/Edited/Published the Safety Data Sheet

On behalf of NM Dış Ticaret Pazarlama Ltd. Ltd. BAŞKENT CONSULTANCY
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Accreditation Number: TÜV/11.186.01 (26.01.2023 – 26.01.2028)

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16.2.1 Contact Person

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16.3 Issue Date

21.03.2024

16.4 Regulation No.

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16.6 Other Topics

- Please contact our sales department for our training suggestions for safe use of the product.
- Please contact our sales department for suggested limitations on the use of the product and advice that is not a legal obligation.
- This SDS has been prepared based on the information and documents received from the manufacturer. The SDS preparer cannot be held responsible for the incorrect preparation of the prepared SDS due to incomplete or incorrect information and documents and for any material damages and moral negativities that the product owner company may encounter for this reason.
- Key sources of information used in the preparation of this safety data sheet;
 - ❖ The product belongs to **NM Dış Ticaret Pazarlama Ltd. Ltd.** Safety Data Sheet prepared by
 - ❖ "Regulation on the Preparation and Distribution of Safety Data Sheets Concerning Hazardous Substances and Preparations" and its annexes,
 - ❖ "Regulation on Safety Data Sheets Concerning Harmful Substances and Mixtures" and its annexes,
 - ❖ UN ADR, IMDG, IATA lists, ECHA and relevant EU directives,
 - ❖ Other helpful resources .

16.7 Additional Information

- The information provided in this Safety Data Sheet has been prepared based on our best available experience, knowledge and beliefs at the time of preparation . The information provided is designed to provide guidance for safe handling , use , processing , storage, transportation and disposal .
- Unless stated in the documentation, this information applies only to the specified substance and may not be valid if that substance is used in combination with other substances or in any other process.
- Please take into account the information in the Safety Data Sheet for use.
- This information is based on our current knowledge.
- This Safety Data Sheet describes the product in accordance with appropriate safety regulations but does not guarantee assurance of product properties.
- It does not constitute any warranty and product features do not establish a legally valid contractual relationship .

16.8 Abbreviations

ADN	European Agreement on the International Transport of Dangerous Goods by Inland
ADR	Waterways
ATE	European Agreement on the International Transport of Dangerous Goods by Road
B.C.F.	Acute toxicity estimate
DMEL	Bioconcentration coefficient
DNEL	Derived Minimal Impact level
EC50	Derived - Inert Level
IARC	Average effective concentration
IATA	International Cancer Research Center
IMDG	International Air Transport Association
LC50	International Maritime Dangerous Cargoes
LD50	Average lethal concentration
LOAEL	Average lethal dose
NOAEC	Lowest Observed Side Effect Level
NOAEL	Concentration with No Adverse Effects
NOEC	No Adverse Effect Level
OECD	No Effect Concentration
PBT	Organization for Economic Co-operation and Development
PNEC	Persistent Bioaccumulative Toxic
RID	Predicted Effect No Observed Concentration
GBF	Legislation on the International Transport of Dangerous Goods by Rail
STP	Safety Data Sheet
TLM	sewage treatment plant
VPVB	Average Tolerance Limit
	Very Persistent and Very Bioaccumulative