

EC Safety data sheet

in accordance with Regulation (EC) No. 1907/2006

Preservative

Print date: 10.06.2015

Material number: 2310 KO / 2315 KO / 2311 KO

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SECTION 1: Description of the substance or the mixture and the company

1.1. Product identifier

Preservative

REACH Registration number: 01-2119487078-27-
CAS-No.: 8042-47-5
EC No.: 232-455-8

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

Usage of substance/mixture

Care product for metal surfaces; only for industrial consumers.

1.3. Details of the supplier who provides the safety data sheet

Company name: Bymat GmbH
Street: Neusser Straße 106
City: D-41363 Jüchen, Germany

Address: Neusser Straße 106
D-41363 Jüchen, Germany

Phone: +49 (0) 21 65 / 87 28 - 0 Fax: +49 (0) 21 65 / 87 28 28

E-mail: info@bymat.de

Internet: www.bymat.de

Information from: Mr Michael Byhahn

1.4. Emergency number: +49 (0) 21 65 / 87 28 - 0

SECTION 2: Possible risks

2.1. Classification of the substance or mixture

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

In accordance with Directive 67/548/EEC, this substance has been classified as non-hazardous.

Classification in accordance with Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Aspiration hazard: Asp. 1

Hazard notes:

Can be lethal if swallowed and allowed to penetrate the respiratory tracts.

2.2. Labelling elements

Hazard-determining component(s) for labelling

White mineral oil (petroleum)

Signal word: Hazard

Pictograms: GHS08



Hazard notes

H304

Can be lethal if swallowed and allowed to penetrate the respiratory tracts.

Safety instructions

P102

Must be kept out of the reach of children.

P301+P310

FOLLOWING INGESTION: Call POISONS INFORMATION CENTRE/doctor immediately.

P331

DO NOT induce vomiting.

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P405

Store under lock and key.

P501

Only add fully emptied containers to recyclable waste collection.

2.3. Other hazards

No information available.

SECTION 3: Composition /Details of components

3.1. Substances

Hazardous ingredients

EC No.	Description	Part
CAS No.	Classification in accordance with Directive 67/548/EEC	
Index No.	Classification in accordance with Regulation (EC) No. 1272/2008 [CLP]	
232-455-8	White mineral oil (petroleum)	30 -100 %
8042-47-5		
	Asp. Tox. 1; H304	

Wording of R, H, and EU H phrases: see section 16.

Labelling of ingredients in accordance with Regulation (EC) No. 648/2004

>= 30 % aliphatic hydrocarbons.

SECTION 4: First-aid measures

4.1. Description of first-aid measures

Following skin contact

Rinse off with plenty of water. Change contaminated clothing immediately. Medical attention is required.

Following eye contact

Immediately rinse carefully but thoroughly with eye wash or with water. Following eye irritation contact an ophthalmologist.

Following ingestion

DO NOT induce vomiting. Pay attention to aspiration hazard following vomiting. Medical attention is required.

4.2. The most important occurring acute and delayed symptoms and effects

No information available.

4.3. Instructions for immediate medical attention or special treatment

_____ Symptomatic treatment.

SECTION 5: Measures for fire fighting

5.1. Extinguishing agents

Suitable extinguishing agents

Co-ordinate the extinguishing measures to the environment.

5.2. Special hazards emanating from substance or mixture

Non-combustible.

5.3. Notes on fire fighting

In case of fire: Wear self-contained breathing apparatus.

Additional notes

Precipitate gases/vapours/mists with water spray jet. Separately collect contaminated extinguishing water. Do not allow the product to enter sewage systems or waters.

SECTION 6: Measures in the event of unintentional release

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6.1. Personal precautions, protective equipment and procedures to be used in emergencies

Ensure sufficient ventilation. Do not inhale gas/smoke/vapour/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

6.2. Environmental measures

Do not allow the product to enter sewage systems or waters.

6.3. Methods and material for retention and cleaning

Take up with liquid binding material (sand, diatomaceous earth, acid binder, universal binder). Handle the taken up material in accordance with the section on disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protective equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Protective measures for secure handling

Advice on safe handling

For open handling, devices with local removal by suction must be used. Do not inhale gas/smoke/vapour/aerosol.

Advice on fire and explosion protection

No special fire protection measures are necessary.

7.2. Conditions for safe storage while observing incompatibilities

Requirements for storage areas and containers

Keep containers tightly sealed. Store under lock and key. Store in a location only accessible to authorized persons. Ensure sufficient ventilation and point removal by suction at critical points.

Advice on co-storage

No special precautions are necessary.

Storage class in accordance with TRGS 510:

10 (Combustible liquids which are not allocated to any of the previously stated storage classes)

7.3. Specific end uses

Care product for metal surfaces; only for industrial consumers.

SECTION 8: Restriction and monitoring of exposure/ personal protective equipment

8.1. Parameters to be monitored

8.2. Restriction and monitoring of exposure

Suitable technical control systems

For open handling, devices with local removal by suction must be used. Do not inhale gas/smoke/vapour/aerosol.

Protective and hygiene measures

Immediately remove soiled or drenched clothing. Prepare and heed skin protection plan! Thoroughly wash your hands and face, or take a shower as necessary, before taking breaks and after completing work. Do not eat and drink during work.

Eye/Face protection

Wear eye/face protection.

Hand protection

When handling chemical agents, wear only chemical protection gloves with CE mark including four-digit inspection number. The type of chemical protection gloves must be selected according to hazardous substance concentration and quantity

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and specific to the workplace. It is recommended to clarify the chemical resistance of the above-stated protection gloves for special applications with the glove manufacturer.

Body protection

Wear suitable protective clothing at work.

Respiratory protection

For insufficient ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information to basic physical and chemical properties

State of aggregation: Liquid
Colour: Colourless
Odour: Characteristic

pH value:

Test standard
Not determined

Changes of state

Melting point: Not determined
Initial boiling point and boiling range: 218°C
Pour point: approx. -15°C
Flash point: > 110°C

Flammability

Solid matter: Not applicable
Gas: Not applicable
Lower explosion range: Not determined
Upper explosion range: Not determined

Spontaneous ignition temperature

Solid matter: Not applicable
Gas: Not applicable
Decomposition temperature: Not determined

Oxidizing properties

Non-oxidizing.

Vapour pressure: < 0.1 hPa
(at 20°C)

Density (at 20°C): 0.816 g/cm³

Water solubility: Slightly soluble

Solubility in other solvents

Not determined

Distribution coefficient: Not determined

Kin. viscosity: approx. 3.8 mm²/s
(at 40°C)

Vapour density: Not determined

Evaporation rate: Not determined

9.2. Other information

Solids content: Not determined

SECTION 10: Stability and reactivity

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10.1. Reactivity

If handled and stored as intended, there are no dangerous reactions.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of dangerous reactions

There are no known dangerous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Dangerous decomposition products

There are no known dangerous decomposition products.

SECTION 11: Toxicological information

11.1. Information to toxicological effects

Acute toxicity

CAS No.	Description	Method	Dosage	Species	Source
8042-47-5	White mineral oil (petroleum)				
	oral	LD50	>5000 mg/kg	Rat	
	dermal	LD50	>2000 mg/kg	Rabbit	
	inhalation (4 h) Aerosol	LC50	>5000 mg/l	Rat	

Other information to tests

Substance information: properties hazardous to health, special hazards emanating from substance or mixture, classification in accordance with Regulation (EC) No. 1272/2008 [CLP]

SECTION 12: Environment-related information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No.	Description	Method	Dosage	[h] [d]	Species	Source
8042-47-5	White mineral oil (petroleum)					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h	Leuciscus idus (Orfe)	OECD
	Acute algae toxicity	ErC50	>= 100 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201
	Acute crustacean toxicity	EC50	>100 mg/l	48 h	Daphnia magna (water flea)	OECD 202

12.2. Persistence and degradability

The product was not tested.

12.3. Bioaccumulation potential

The product was not tested.

12.4. Mobility in the ground

The product was not tested.

12.5. Results of the PBT and vPvB assessment

The product was not tested.

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12.6. Other harmful effects

No information available.

Further notes

Avoid releasing to the environment.

SECTION 13: Advice on disposal

13.1. Procedure of waste treatment

Recommendation

Do not allow the product to enter sewage systems or waters. Disposal in accordance with official regulations.

Disposal of uncleaned packaging and recommended cleansing agents

This product and its container must be disposed of as hazardous waste. Contaminated packaging must be treated in the same manner as the substance.

SECTION 14: Transport information

14.6. Special precautions for the user

No information available.

14.7. Bulk goods transport in accordance with Appendix II of the MARPOL Convention 73/78 and as per IBC Code

Not applicable

SECTION 15: Legal specifications

15.1. Specifications on safety, health and environmental protection/Specific legal specifications for the substance or the mixture

EU regulations

Additional notes

To be observed: 850/2004/EC, 79/117/EEC, 689/2008/EC
Regulation (EC) No. 648/2004 concerning detergents

National regulations

Employment restrictions:	Observe the employment restrictions for youths (§22 JArbSchG - German Youth Employment Protection Act). Observe the restrictions for pregnant and breastfeeding mothers (§§4 and 5 MuSchRiV - German Maternity Protection Guideline Regulation).
Water endangering class:	1 - low hazard to water
Status:	Rule of mixtures in accordance with VwVwS Appendix 4, No. 3

15.2. Chemical safety assessment

No chemical safety assessment was implemented for this substance.

SECTION 16: Other information

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 Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

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Wording of H and EUH phrases (number and full text)

H304 Can be lethal if swallowed and allowed to penetrate the respiratory tracts.

Additional details

To the best of our knowledge, the information in this safety data sheet complies with our findings at the time of print. The information should provide you with references to safely handle the product specified in this safety data sheet concerning storage, processing, transport and disposal. The information cannot be transferred to other products. In as far as the product is combined, mixed or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this manner, unless expressly stated otherwise.