

SAFETY DATA SHEET
BAKSID 116 S

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name BAKSID 116 S

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

Identified uses BACTERICIDE and FUNGUCIDE

1.3. Details of the supplier of the safety data sheet

Supplier BELGİN MADENİ YAĞLAR TİC. VE SAN. A.Ş.
Gebze Organize Sanayi Bölgesi (GOSB), İhsan Dede Cad. No: 125 Gebze 41480 KOCAELİ
0 262 751 02 92
0 262 751 01 98
info@belginoil.com

1.4. Emergency telephone number

Emergency telephone + 9 0 262 751 02 92

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (SI 2019 No. 720)**

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1C - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

Classification (Regulation
(EC) No. 1272/2008 CLP).

2.2. Label elements**Hazard pictograms**

Signal word

Danger

Hazard statements

H302+H332 Harmful if swallowed or if inhaled.
H314 Causes severe skin burns and eye damage.

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Precautionary statements

P260 Do not breathe vapour/ spray.
 P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 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 medical advice on this label).
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

N,N'-Methylenebismorpholine, pyridine-2-thiol 1-oxide, sodium salt

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current UK criteria.

SECTION 3: Composition/information on ingredients

3.1. Substances

Is not relevant.

3.2. Mixtures

N,N'-Methylenebismorpholine		60-80%
CAS number: 5625-90-1	EC number: 227-062-3	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1C - H314 Eye Dam. 1 - H318		
pyridine-2-thiol 1-oxide, sodium salt		1-5%
CAS number: 3811-73-2	EC number: 223-296-5	
M factor (Acute) = 1		
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information	No special treatment required.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if a large quantity has been ingested.
Skin contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. While rinsing, remove clothing not adhering to the affected area. Wash contaminated clothing before reuse. Keep affected person under observation. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Keep affected person under observation. Get medical attention if irritation persists after washing.

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

Inhalation	No specific symptoms known.
Ingestion	Nausea, vomiting.
Skin contact	Prolonged contact may cause redness, irritation and dry skin. Prolonged contact may cause burns.
Eye contact	Prolonged or repeated exposure may cause severe irritation.

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

Notes for the doctor	Treat symptomatically.
Specific treatments	No specific chemical antidote is known to be required after exposure to this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Water. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Harmful gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known. No action shall be taken without appropriate training or involving any personal risk.
Special protective equipment for firefighters	Fire must be extinguished by trained staffs. Trained staffs have to have protecting clothes and oxygen mask

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions

For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Keep unnecessary and unprotected personnel away from the spillage. Ensure procedures and training for emergency decontamination and disposal are in place.

6.2. Environmental precautions

Environmental precautions

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. Avoid or minimise the creation of any environmental contamination. Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Environmental Manager must be informed of all major spillages.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Small Spillages: Absorb spillage with sand or other inert absorbent. Large Spillages: Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Container must be kept tightly closed when not in use. Protect from freezing and direct sunlight.

Advice on general occupational hygiene

Clean equipment and the work area every day. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry and cool place. Protect from freezing and direct sunlight. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for the product are in Section 1.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

There is no limit Components with workplace control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

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Eye/face protection	Wear chemical splash goggles.
Hand protection	Wear protective gloves. It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Take off contaminated clothing and wash it before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Odour	Characteristic.
Odour threshold	No specific test data are available.
pH	pH (diluted solution): 11 (%1)
Evaporation rate	N/D
Evaporation factor	No specific test data are available.
Vapour density	N/D
Solubility(ies)	Soluble in water.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on hazard classes
as defined in Regulation (EC)
No 1272/2008

Acute toxicity - oral

ATE oral (mg/kg) 694.44

Acute toxicity - dermal

ATE dermal (mg/kg) 55,000.0

Acute toxicity - inhalation

ATE inhalation (gases ppm) 225,000.0

ATE inhalation (vapours mg/l) 15.71

Skin corrosion/irritation

Human skin model test Highly irritating.

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

Skin sensitisation

Skin sensitisation Causes skin irritation.

Germ cell mutagenicity

Genotoxicity - in vitro No information required.

Genotoxicity - in vivo No information required.

Carcinogenicity

Carcinogenicity No information required.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure No information required.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information required.

Inhalation Harmful if inhaled.

Ingestion Harmful if swallowed.

Skin contact Prolonged contact may cause burns.

Eye contact Causes serious eye damage.

Medical symptoms No specific symptoms known.

11.2 Information on other hazards

Information on other hazards

SECTION 12: Ecological information

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Ecotoxicity There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. No negative effects on the aquatic environment are known.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability Not expected to be readily biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential Accumulates in soil and water systems.

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12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects No information required.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste product or used containers in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Disposal methods The generation of waste should be minimised or avoided wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN number or ID number

UN No. (ADR/RID) 3267

UN No. (IMDG) 3267

UN No. (ICAO) 3267

UN No. (ADN) 3267

14.2. UN proper shipping name

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Proper shipping name (ADR/RID) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS N,N'-Methylenebismorpholine)

Proper shipping name (IMDG) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS N,N'-Methylenebismorpholine)

Proper shipping name (ICAO) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS N,N'-Methylenebismorpholine)

Proper shipping name (ADN) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS N,N'-Methylenebismorpholine)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C7

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

Transport labels**14.4. Packing group**

ADR/RID packing group III

IMDG packing group III

ADN packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-B

ADR transport category 3

Emergency Action Code 2X

Hazard Identification Number (ADR/RID) 80

Tunnel restriction code (E)

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

Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1272/2008 of substances and mixtures on classification, labelling and packaging

Authorisations (SI 2020 No. 1577 Annex XIV) No specific authorisations are known for this product.

Restrictions (SI 2020 No. 1577 Annex XVII) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road
RID: Regulation Concerning the International Carriage of Dangerous Goods by Rail
IMDG: International Maritime Dangerous Goods Code
IATA-DGR: International Air Transport Association
ICAO-TI: ICAO International Civil Aviation Organization

General information Only trained personnel should use this material.

Key literature references and sources for data <http://echa.europa.eu/>
www.ericards.net
www.tksd.org
www.cdc.gov
www.echemportal.org
www.iarc.fr
<http://toxnet.nlm.nih.gov>

Classification procedures according to SI 2019 No. 720 :

Revision comments Revised classification.

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Revision 1.0

Supersedes date 01/06/2016

SDS number 5707

SDS status Approved.

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Hazard statements in full

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.

The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product. Employees and users must be warned enough and appropriate all necessary measures including the industrial hygienic measures must be taken. Appropriate health and safety information and other information should be included on the package, when the customer re-packages this product. It is strictly prohibited to make changes in this document. Re-publication of this document partially or completely is not allowed except to the extent required by law.