

Safety Data Sheet acc. to OSHA HCS

Printing date 01/13/2021

Reviewed on 01/13/2021

1 Identification

Product identifier

Trade name: Bizerba Maschinenöl (30ml)

Application of the substance / the mixture Lubricant

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Bizerba SE & Co. KG

Wilhelm-Kraut-Straße 65

72336 Balingen

Germany

Tel.: +49 (0) 7433 12-0

Fax: +49 (0) 7433 12-1350

vertrieb@bizerba.com

Information department: Customer Service Department

Emergency telephone number:

Bizerba Helpline +49 7433/122 911 during normal opening times (Mon-Fri 9 a.m.-4 p.m.)

2 Hazard(s) identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

Label elements

GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Classification system:

NFPA ratings (scale 0 - 4)



Health = 0

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 1

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterisation: Preparation

Description: Not classified as a dangerous preparation according to Directive 1272/2008/EC (GHS).

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Components:

CAS: 25189-70-2	1-Decene, homopolymer	50-<100%
CAS: 128-37-0	Butylated hydroxytoluene	<0.5%

4 First-aid measures

Description of first aid measures**General information:**

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

Personal protection for the First Aider.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Clean with water and soap. Generally the product is not irritant.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth with water.

Do not induce vomiting.

At appearance of symptoms seek medical help.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

5 Fire-fighting measures

Extinguishing media**Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

Formation of toxic/irritant gases is possible during heating or in case of fire.

Products of decomposition see chapter 10.

Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

Keep away from open flames, hot surfaces and sources of ignition.

Do not inhale vapours and aerosols.

Close leakage without taking personal risks.

Environmental precautions:

Do not allow to enter sewers/surface or ground water.

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In case of seepage into the ground inform responsible authorities.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals

PAC-1:

None of the ingredients is listed.

PAC-2:

None of the ingredients is listed.

PAC-3:

None of the ingredients is listed.

7 Handling and storage

Precautions for safe handling

Keep receptacles tightly sealed.

Prevent formation of aerosols.

Particular danger of slipping on leaked/spilled product.

Wash hands before brakes and at end of work

Do not eat, drink or smoke while working.

Information about protection against explosions and fires:

Keep away ignition sources - Do not smoke.

Do not spray on a naked flame or any incandescent material.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Store away from food, beverage and feedingstuff.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Storage class: 10 - flammable liquid, flashpoint >60°C

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

CAS: 25189-70-2 1-Decene, homopolymer

EL	Long-term value: 5 mg/m ³ vapour and inhalable aerosol
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EV	Long-term value: 5 mg/m ³ inhalable, vapour and aerosol
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CAS: 128-37-0 Butylated hydroxytolueneREL Long-term value: 10 mg/m³TLV Long-term value: 2* mg/m³
*as inhalable fraction and vapor**Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Breathing equipment:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device only when aerosol or mist is formed.

Filter A/P2

Protection of hands:

If the risk assessment necessitates, wear protective gloves. The glove material has to be impermeable/resistant against the product and be suitable for the tasks to be performed.

Material of gloves

Use solvent/hydrocarbon resistant gloves. Suitable are gloves from: nitrile rubber (thickness >0,38 mm, breakthrough time > 480 min), fluorocarbon rubber (thickness >0,38 mm, breakthrough time > 480 min).

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side protection (EN 166).

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information****Appearance:**

Form:	Fluid
Color:	Colorless
Odor:	Odorless
Odor threshold:	Not determined.

Change in condition

Melting point/Melting range:	<-20 °C (<-4 °F)
Boiling point/Boiling range:	Not determined.

Flash point: 210 °C (410 °F)**Flammability (solid, gaseous):** Not applicable.

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Ignition temperature:	<i>Not determined.</i>
Decomposition temperature:	<i>Not determined.</i>
Auto igniting:	<i>Product is not selfigniting.</i>
Danger of explosion:	<i>Product does not present an explosion hazard.</i>
Explosion limits:	
Upper:	
Oxidizing properties	<i>Non oxidising.</i>
Density at 20 °C (68 °F):	<i>0.83 g/cm³ (6.93 lbs/gal)</i>
Relative density	<i>Not determined.</i>
Evaporation rate	<i>Not determined.</i>
Solubility in / Miscibility with	
Water:	<i>Not miscible or difficult to mix.</i>
Partition coefficient (n-octanol/water):	<i>Not determined.</i>
Viscosity:	
Kinematic at 40 °C (104 °F):	<i>22 mm²/s</i>
Other information	<i>No further relevant information available.</i>

10 Stability and reactivity

Reactivity *Stable under recommended storage conditions.*

Chemical stability *Stable under normal conditions.*

Thermal decomposition / conditions to be avoided: *No decomposition if used according to specifications.*

Possibility of hazardous reactions *No dangerous reactions known.*

Conditions to avoid

Heat, flames and sparks.

Keep away from strong oxidants as well as reducing agents.

Incompatible materials: *strong oxidants*

Hazardous decomposition products:

In case of fire:

CO₂, CO, NO_x, SO₂

Phosphorus oxides

Under certain conditions of fire, other toxic/irritant substances may form.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: *No irritant effect.*

on the eye: *Irritating effect possible.*

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability Easily biodegradable

Behavior in environmental systems:

Bioaccumulative potential Product is not bioaccumulative.

Mobility in soil The product is adsorbed on soil.

Ecotoxicological effects:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

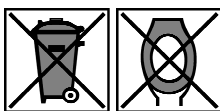
vPvB: Not applicable.

Other adverse effects At intended use no interferences with environment are known or expected.

13 Disposal considerations

Waste treatment methods

Recommendation:



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number

DOT, IMDG, IATA

not regulated

UN proper shipping name

DOT, IMDG, IATA

not regulated

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Transport hazard class(es)

DOT, ADN, IMDG, IATA
Class

not regulated

Packing group

DOT, IMDG, IATA

not regulated

Environmental hazards:

Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information:**IMDG**

Limited quantities (LQ)

not any

UN "Model Regulation":

not regulated

15 Regulatory information

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

No further relevant information available.

Sara**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

Hazardous Air Pollutants

None of the ingredients is listed.

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

CAS: 128-37-0 Butylated hydroxytoluene

A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training hints

Upon request trainings for to ensure safety of human health and of environment can be given. Contact see below.

Further information on the subject of occupational safety can be found at www.baua.de and www.arbeitsschutz.de

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Contact: Email: Bizerba.Kundendienst@bizerba.com

Date of preparation / last revision 01/13/2021 / 2.0

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Sources

Data of raw material suppliers.

GESTIS-Stoffdatenbank, Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung, <https://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp>.