Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier:

Identification as on the label/Trade name: Motor Conserver
Product number: KC-10.10.051.03, KC-10.10.050.22, KC-10.10.050.23
EAN: 8682729303765, 8682729303253, 8682729303260

1.2 Relevant identification uses of the substance and uses advised against:

Identified uses: Preservatives

Uses advised against: No other uses are advised.

1.3 Details of the Supplier of the Safety Data Sheet:

KOCHMAIER
Minervastr. 36
74613 Öhringen
+49-170-290-6038

1.4 Emergency telephone numbers:

24-hour Emergency Contact:
+49-170-290-6038

Section 2: Hazards Identification

2.1 Classification of the substance or mixture:

2.1.1 The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:
Skin irritation, Category 1
Eye irritation, Category 2
Acute chronic, Category 3

2.1.2 Additional information:
--

2.2 Label elements:

Hazard pictogram(s):

Signal word: Warning
Hazard statements:
H319-Causes serious eye irritation.
H317-May cause an allergic skin reaction.
H412-Harmful to aquatic life with long lasting effects.

Precautionary statements:
H319-Causes serious eye irritation. H317-May cause an allergic skin reaction. H412-Harmful to aquatic life with long lasting effects.

Response
P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children. P261-Avoid breathing vapours or spray. P273-Avoid release to the environment. P280-Wear protective gloves / eye protection / face protection.
P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. P314-Get medical advice / attention if you feel unwell.
P501-Dispose of contents / container to an approved waste disposal facility.

Storage
P405 Store locked up.

Disposal
P501 Dispose of contents/container to in accordance with local/national regulations.

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.

Ecological information:
The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

Toxicological information:
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

Section 3: Composition/Information on Ingredients

3.1 Substance: Not applicable.

3.2 Mixture:

Substance name (IUPAC/EC)	**CAS-No.** **EC-No.**	**Concentration % by weight**	**SCLs, M-Factors, Acute Toxicity Estimates (ATE)**	**Classification** EC1272/2008
2-Butoxyethanol	111-76-2 203-905-0	1-<5 %	-	Acute Tox. 3, H331 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) Ether	166736-08-9 605-450-7	1-<3 %		Acute Tox. 4, H302 Eye Dam. 1, H318

2-Bromo-2-nitro-1,3-propanediol	52-51-7 200-143-0	0,01-<0,1 %		Acute Tox. 3, H301 Acute Tox. 3, H331 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411
2-Octyl-2H-isothiazol-3-one	26530-20-1 247-761-7	0,0015-<0,01%		EUH071 Acute Tox. 2, H330 Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.
The substances named in this section are given with their actual, appropriate classification!
For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.
The addition of the highest concentrations listed here can result in a classification. Only when this classification is listed in Section 2 does it apply. In all other cases the total concentration is below the classification.

Section 4: First-Aid Measures

4.1 Description of first aid measures:

If inhaled: Supply person with fresh air and consult doctor according to symptoms

In case of skin contact: Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor

In case of eye contact: Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

If swallowed: Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.
eyes, reddened
watering eyes
reddening of the skin
Allergic reaction

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

Symptomatic treatment.

Section 5: Fire-Fighting Measures

5.1 Extinguisher media:

Suitable extinguisher media: Water jet spray / alcohol resistant foam / CO2 / dry extinguisher.
Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the mixture:
In case of fire the following can develop:
Oxides of carbon
Toxic gases

5.3 Recommendations for firefighting personnel:
For personal protective equipment see Section 8.
In case of fire and/or explosion do not breathe fumes.
Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary.
Dispose of contaminated extinction water according to official regulations.

5.4 Further information
Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:
Advice for non-emergency personnel: In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.
Ensure sufficient ventilation, remove sources of ignition.
Avoid dust formation with solid or powder products.
Leave the danger zone if possible, use existing emergency plans if necessary.
Avoid contact with eyes or skin.
If applicable, caution - risk of slipping.

Advice for emergency personnel: See section 8 for suitable protective equipment and material specifications

6.2 Environmental precautions:
If leakage occurs, dam up.
Resolve leaks if this possible without risk.
Prevent surface and ground-water infiltration, as well as ground penetration.
Prevent from entering drainage system.
If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods for containment and cleaning up:
Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to
Section 13.
Fill the absorbed material into lockable containers.

6.4 Reference to other sections
In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

Section 7: Handling and Storage

7.1 Precautions for safe handling:

General recommendations

Ensure good ventilation.
Avoid contact with eyes or skin.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.

Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including incompatibilities:

Storage conditions/stability/class

Keep out of access to unauthorised individuals.
Store product closed and only in original packing.
Not to be stored in gangways or stair wells.
Store in a well ventilated place.
Store cool.
Store in a dry place

7.3 Specific end use(s)

No information available at present.
Observe the instructions for good working practice and the recommendations for risk assessment.
Consult hazardous substance information systems, e.g. from the professional associations, the chemical industry or different industries,
depending on the application (building materials, wood, chemistry, laboratory, leather, metal).

Section 8: Exposure Controls and Personal Protection

8.1 Control parameters:

Occupational exposure limits: Ingredients with workplace control parameters.

8.2 Exposure controls:

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection

Chemical resistant protective gloves (EN ISO 374).
Recommended
Protective gloves in butyl rubber (EN ISO 374).

Minimum layer thickness in mm: ,7
Permeation time (penetration time) in minutes:
120 > The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time.
Protective hand cream recommended.

Skin protection - Other
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection
If OES or MEL is exceeded.
Filter A (EN 14387), code colour brown
Observe wearing time limitations for respiratory protection equipment.

Thermal hazards
Not applicable

Additional information on hand protection - No tests have been performed.
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Physical state: liquid
Colour: reddish
Odour and odour threshold: Fruity
pH (concentration): 6,5
Melting point/range (°C): There is no information available on this parameter.
Boiling point/range (°C): There is no information available on this parameter.
Flash point (°C): There is no information available on this parameter.
Evaporation rate: There is no information available on this parameter.
Flammability (solid, gas): There is no information available on this parameter.
Upper/lower flammability/explosive limits: There is no information available on this parameter.
Vapour pressure: There is no information available on this parameter.
Vapour density: 0,99 g/ml
Relative density (20 °C): 0,99 g/ml
Water solubility: Mixable
Solubility in other solvents: There is no information available on this parameter.
n-Octanol/Water partition coefficient: There is no information available on this parameter.

Auto-ignition temperature: There is no information available on this parameter.

Decomposition temperature: There is no information available on this parameter.

Viscosity, dynamic (mPa.s): Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

9.2 Other data:

9.2.1 Additional information:

Volatile organic compounds: No data available.

Miscibility: No data available.

Conductivity: No data available.

Evaporation rate: No data available.

Viscosity: No data available.

Oxidising properties: No data available.

Liposolubility: No data available.

Characteristic properties of substance groups peroxides: No data available.

9.2.2 Other safety characteristics:

Surface tension: No data available.

Relative vapor density : No data available.

Section 10: Stability and Reactivity

10.1 Reactivity: The product has not been tested.

10.2 Chemical stability: Stable with proper storage and handling.

10.3 Possibility of hazardous reactions: No dangerous reactions are known.

10.4 Conditions to avoid: None known

10.5 Incompatible materials: Avoid contact with strong oxidizing agents.

10.6 Hazardous decomposition products: No decomposition when used as directed.

Section 11: Toxicological Information

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

Acute toxicity: May be harmful if swallowed.

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: Causes serious eye damage.).

Respiratory or skin sensitization: Not classified. Based on available data, the classification criteria are not met.

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

Carcinogenicity: Not classified. Based on available data, the classification criteria are not met.

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

STOT-single exposure: Not classified. Based on available data, the classification criteria are not met.

STOT-repeated exposure: Not classified. Based on available data, the classification criteria are not met.

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

11.2 Information regarding other hazard classes which relates to endocrine disrupting properties:

Endocrine disrupting properties: Does not apply to mixtures.

Other information: Relevant information available on adverse effects on health.

Section 12: Ecological Information

12.1 Toxicity: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available.

12.5 Results of PBT& vPvB assessment: No PBT or vPvB substances present in concentrations of >=0.1%

12.6 Endocrine disrupting properties: No PBT or vPvB substances present in concentrations of >=0.1%

12.7 Other adverse effects: No data available.

Section 13: Disposal Considerations

13.1 Waste treatment methods:

For the substance / mixture / residual amounts

EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)
16 05 08 discarded organic chemicals consisting of or containing hazardous substances
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
E.g. suitable incineration plant.
E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations.
Empty container completely.
Uncontaminated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.

Section 14: Transport Information

14.1 UN number:

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name:

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods.

14.3 Transport hazard class:

ADR/RID: - IMDG: - IATA: -

14.4 Packing group:

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards:

ADR/RID: - IMDG Marine pollutant: - IATA: -

14.6 Special precautions for user: Unless specified otherwise, general measures for safe transport must be followed.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Non-dangerous material according to Transport Regulations

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the mixture:

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)!
Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!
Comply with trade association/occupational health regulations.

Directive 2010/75/EU (VOC):

Treated goods as per Regulation (EU) No. 528/2012 must display specific information on the label.
Please note Article 58 paragraph (3) subparagraph 2 of Regulation (EU) No. 528/2012.
Approval of the biocidal active substance may mean that special conditions are required for marketing the treated goods. These are indicated in the approval of the active substance.

National requirements/regulations on safety and health protection must be applied when using work equipment.

15.2 Chemical Safety Assessment carried out:

A chemical safety assessment is not provided for mixtures.

Section 16: Other Information

Indication of changes: First version.

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx – Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 – Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG – International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL – Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS – Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI – Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Main bibliographical sources:
The results of toxicological studies or their suppliers.
ECHA website, GESTIS website (international exposure limit values), ACGIH (TLV and Bet).
Notice to readers:
The information detailed here is based on our knowledge up to the date indicated above. Refers exclusively to the product indicated and does not constitute a guarantee of particular qualities. The user must ensure the suitability and accuracy of said information in relation to the specific use to be made of the product.
List of abbreviations:
ACGIH American Conference of Governmental Industrial Hygienists
ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road
ALARA As Low As Is Reasonably Achievable
AMU Atomic Mass Unit
ANSI American National Standards Institute
CAM Continuous Air Monitor
CAS Chemical Abstracts Service (division of the American Chemical Society)
CEN European Committee for Standardization
CERCLA Comprehensive Environmental Response Compensation and Liability Act
CLP Classification, Labelling and Packaging (European Union)
CPR Controlled Products Regulations (Canada)
CWA Clean Water Act (USA)
DAC Derived Air Concentration (USA)
DOT United States Department of Transportation (USA)
DSL Domestic Substances List (Canada)
EC50 Half Maximal Effective Concentration
EINECS European Inventory of Existing Commercial Chemical Substances
EHS Environmentally Hazardous Substance
ELINCS European List of Notified Chemical Substances
EMS Emergency Response Procedures for Ships Carrying Dangerous Goods
EPA Environmental Protection Agency (USA)
EPCRA Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986
GHS Globally Harmonized System
HMIS Hazardous Materials Identification System (USA)
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Containers
ICAO International Civil Aviation Organization
IDLH Immediately Dangerous to Life or Health

LC50 Lethal concentration, 50 percent
LD50 Lethal dose, 50 percent
LDLO Lethal Dose Low
LOEC Lowest-Observed-Effective Concentration
MARPOL International Convention for the Prevention of Pollution from Ships
MSHA Mine Safety and Health Administration (USA)
NCRP National Council on Radiation Protection & Measurements (USA)
NDSL Non-Domestic Substances List (Canada)
NFPA National Fire Protection Association (USA)
NIOSH National Institute for Occupational Safety and Health (USA)
NOEC No Observed Effect Concentration
N.O.S. Not Otherwise Specified

NRC Nuclear Regulatory Commission (USA)
NTP National Toxicology Program (USA)
OSHA Occupational Safety and Health Administration (USA)
PBT Persistent Bioaccumulative and Toxic Chemical
PEL Permissible Exposure Limit
PIH Poisonous by Inhalation Hazard
RCRA Resource Conservation and Recovery Act (USA)
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Europe)
RID Regulations Concerning the International Transport of Dangerous Goods by Rail
RTECS Registry of Toxic Effects of Chemical Substances
SARA Superfund Amendments and Reauthorization Act (USA)
TDG Transportation of Dangerous Goods (Canada)
TIH Toxic by Inhalation Hazard
TLV Threshold Limit Value
TPQ Threshold Planning Quantity
TSCA Toxic Substances Control Act
TWA Time Weighted Average
UN United Nations (Number)
VOC Volatile Organic Compound
vPvB Very Persistent Very Bioaccumulative Chemical
WHMIS Workplace Hazardous Materials Information System