SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

EKOMAX OIL

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

Relevant identified uses: lubrication of pneumatic equipment.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **TERMA Sp. z o.o.**

Address: Czaple 100, 80-298 Gdańsk, Poland

Telephone/Fax number: +48 58 694 05 55/+48 58 694 05 56

E-mail address for a competent person responsible for sds: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous for human life or health and for environment.

2.2 Label elements

Hazard symbols and signal words

None.

Names of substances mentioned on the label

None.

Hazard statements

None.

Precautionary statements

None.

2.3 Other hazards

The product does not contain components that meet criteria for PBT or vPvB substances in accordance with Annex XIII of REACH.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Product does not contain hazardous components in quantities that require including in Safety Data Sheet nor components with occupational exposure limit values established on the Community level.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes and wash it before reuse. Wash contaminated skin thoroughly with water and soap. Consult a doctor if disturbing symptoms appear. Do not use solvents or thinners.

Eye contact: remove contact lenses. Wash contaminated eyes thoroughly with plenty of water for at least 15 minutes. Avoid powerful water stream – risk of cornea damage. Consult an ophthalmologist if disturbing symptoms appear.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Contact a doctor if disturbing symptoms appear - show label or packaging.

Inhalation: remove to fresh air, keep casualty calm and warm. Consult a doctor if disturbing symptoms appear

4.2 Most import ant symptoms and effects, both acute and delayed

Adverse health effects are not expected.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. The victim may require medical surveillance for 48 hours.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing foam, carbon dioxide, water spray, sand. Adjust extinguishing media to the materials stored in the product vicinity.

Unsuitable extinguishing media: water jet – risk of fire propagation.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce toxic fumes of, e.g.: carbon oxides. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire, cool endangered containers with water spray from a safe distance. Collect used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access of the outsiders to the breakdown area until suitable cleaning operations are completed. Ensure that only trained personnel removes the effects of the accident. In case of large spills, isolate the exposed area. Use appropriate personal protective equipment. Avoid eye and skin contamination. Ensure adequate ventilation. Remove sources of ignition and naked flame. Prohibit smoking. Warning! Risk of slipping on a spilled product.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services. Prevent from entering groundwater, sewage, drains and soil.

6.3 Methods and material for containment and cleaning up

Small spill wipe suitable sorbent. Large spill collect using liquid binding materials (eg. sand, earth, universal binding substances, silica, vermiculite etc.) and place it in correctly labelled containers. Treat collected material as waste. Clean residues using water and ventilate contaminated place. Do not use solvents.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13.

Personal protective equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Use personal protective equipment. Avoid eye and skin contamination. Do not inhale vapours and oil mist. Ensure adequate ventilation. Before break and after work wash hands. Keep the unused containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original, tightly closed containers, in a dry, well-ventilated area at room temperature. Keep away from food, beverages or feed for animals and oxidizers. Seal the container after opening and keep in vertical position in order to prevent spillages. Protect product from sunlight and heat.

7.3 Specific end use(s)

No information about the applications other than those listed in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

The product does not have components which are subject to control of exposure in the workplace on the Community level. Please check any national occupational exposure limit values in your country.

Basis: 2006/15/EC, 2000/39/EC, 2009/161/EC

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink, smoke when using the product. Before break and after work wash hands carefully. Use only in good ventilated area.

Hand and body protection

Use appropriate protective gloves are recommended. Material for gloves choose individually in the workplace. Use protective clothing.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eye/face protection

Use tight, protective glasses if there is a risk of eye contamination.

Respiratory protection

Not necessary in case of sufficient ventilation.

Applied personal protective equipment must comply with the requirements of the Directive 89/686/EC. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Avoid entering canalization, surface water. Avoid release to the environment, do not empty into drains. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	green
odour:	characteristic
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not applicable
vapour pressure:	not determined
vapour density:	not determined
relative density:	not determined
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	22 Pa.s

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product has low reactivity. Does not undergo dangerous polimerization.

10.2 Chemical stability

The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid sunlight, sources of heat and naked flame.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, product does not have any hazardous decomposition products.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/ irritation

Based on available data, the classification criteria are not met.

Serious eye damage/ irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT- single exposure

Based on available data, the classification criteria are not met.

STOT- repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is not classified as hazardous for aquatic environment.

12.2 Persistence and degradability

Components of the product are biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

Product is soluble in water and mobile in soil. Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

The product does not contain components that meet criteria for PBT or vPvB substances in accordance with Annex XIII of REACH.

12.6 Other adverse effects

This mixture is not classified as hazardous for the ozone layer. Other hazardous effects of the mixture/ individual components on the environment (eg, endocrine disorders, influence on global warming increase) should be considered.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: dispose in accordance with local legislation. Store residues in original containers. Do not store with other waste. Waste code should be given in the manufacturing place.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the local legislation. Only containers completely emptied can be recycled.

Legal basis: Directive 2008/98/EC, 94/62/EC. Please check also national legislation.

Section 14: Transport information

14.1 UN number

Not applicable – product is not classified as dangerous in trasport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

According to transport regulations, mixture is not a hazard to the environment.

14.6 Special precautions for user

Not applicable

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

Not applicable.

Section 15: Regulatory information

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

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

Chemical safety assessment is not required for this mixture.

Section 16: Other information

Clarification of aberrations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and data sources

Safety data sheet was drawn up on the basis provided by the distributor sheet, online databases (e.g. ECHA, TOXNET, Cosing) as well as knowledge and experience, taking into account the current legislation.

Other data

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP).

Composed by: mgr inż. Anna Królak (on the basis of producer's data).
Safety Data Sheet made by: **„THETA"** Doradztwo Techniczne

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.