



Safety data sheet

WOODO

According to Regulation (EC) 1907/2006 – Regulation 878/2020

Data of issue 14/02/2023

Printing date 31/10/2023

Revision 2 of 31/10/2023

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: WOODO
Commercial code: 40.410

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

Water-based teak oil

1.3 Details of the supplier of the safety data sheet

Company name: Silpar TK snc
Address: Via Rosa Luxemburg 12/14
10093 - Collegno (TO)
Telephone: +39 011 7791177
Fax: +39 011 7791177
Email: sicurezza@silpartkline.com

1.4 Emergency telephone number

CAVp "Osp. Pediatrico Bambino Gesù - Roma	Tel. +39 06 68593726
Az. Osp. Univ. Foggia	Tel. +39 0881 732326
Az. Osp. "A. Cardarelli" - Napoli	Tel. +39 081 7472870
CAV Policlinico "Umberto I" - Roma	Tel. +39 06 49978000
CAV Policlinico "A. Gemelli" - Roma	Tel. +39 06 3054343
Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze	Tel. +39 055 7947819
CAV Centro Nazionale di Informazione Tossicologica - Pavia	Tel. +39 0382 24444
Osp. Niguarda Ca' Granda - Milano	Tel. +39 02 66101029
Azienda Ospedaliera Papa Giovanni XXII - Bergamo	Tel. +39 800 883300
Azienda Ospedaliera Universitaria Integrata Verona	Tel. +39 800 011858

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP).

The product, however, contains dangerous substances in concentrations such as to be declared in section n.3, and requires a safety data sheet with adequate information, in compliance with Regulation (EU) 878/2020.

2.2 Label elements

Hazard pictograms: -

Signal word: -

Hazard statements:

EUH210 Safety data sheet available on request.

EUH208 Contains: 2-methylisothiazol-3(2H)-one. May cause an allergic reaction

Precautionary statements: -

2.3 Other hazards

Substance vPvB: None - Substance PBT: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N.A.

3.2 Mixtures

1.CAS 2.N° EC 3.N° Index 4.N° REACH	Name	Weight (%)	Classification 1272/2008 (CLP)
1. 2682-20-4 2. 220-239-6 3. 613-326-00-9 4. Not Available	2-methylisothiazol-3(2H)-one	0-0.0015	Acute Tox. 2 H330 Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1A H317 Aquatic Acute 1 H400 M=10 Aquatic Chronic 1 H410 M=1 EUH071 Skin Sens. 1A H317: ≥ 0,0015% LD50 Orale: >120 mg/m ³ /4h, LD50 Cutanea: >242 mg/m ³ /4h, ATE Inhalation of mists/dusts: 0.051 mg/l

The full text of the H phrases is given in section 16 of the safety data sheet

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	In case of contact with the eyes, rinse them with water for an adequate amount of time and keeping the eyelids open, then immediately consult an ophthalmologist. Protect the uninjured eye.
Skin contact	Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.
Ingestion	Do not under any circumstances induce vomiting. SEEK MEDICAL EXAMINATION IMMEDIATELY
Inhalation	Remove to open air. If unwell, contact a doctor.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, see chap. 11.

4.3 Indication of any immediate medical attention and special treatment needed

In the event of an accident or discomfort, consult a doctor immediately (if possible show the instructions for use or the safety data sheet).

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water.

5.2 Special hazards arising from the substance or mixture

DANGERS DUE TO EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

5.3 Advice for firefighters

GENERAL INFORMATIONS

Cool the containers with jets of water to avoid decomposition of the product and the development of substances potentially dangerous to health.

Always wear full fire protection equipment. Collect extinguishing water that must not be discharged into sewers.

Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

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Normal clothing for fighting fire, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire fighter boots (HO A29 or A30).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

In case of vapors or dust dispersed in the air, wear respiratory protection. These indications are valid both for workers and for emergency interventions.

6.2 Environmental precautions

Prevent the product from spilling or entering drains or water courses.

6.3 Methods and material for containment and cleaning up

Collect the spilled product and place it in containers for recovery or disposal. Remove the residue with jets of water if there are no contraindications.

Provide sufficient ventilation of the area affected by the leak. Evaluate the compatibility of the container to be used with the product, checking section 10. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4 Reference to other sections

Refer to sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersing the product into the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original container. Keep containers closed, in a well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

7.3 Specific end use(s)

See section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Information not available

Derived No Effect Level (DNEL)

2-methyl-2H-isothiazol-3-one

Inhalation 0.021 mg/m³ (Local, chronic)

Inhalation 0.043 mg/m³ (Local, acute)

Oral 0.027 mg/kg bw/day (Systemic, chronic)*

Inhalation 0.021 mg/m³ (Local, chronic)*

Oral 0.053 mg/kg bw/day (Systemic, acute)*

Inhalation 0.043 mg/m³ (Local, acute)*

* Values for the general population

PNEC exposure limit values

2-methyl-2H-isothiazol-3-one

3.39 µg/L (Fresh water)

3.39 µg/L (Water - intermittent release)

3.39 µg/L (Sea water)

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0.047 mg/kg soil dw (Soil)

0.23 mg/L (STP)

VND = hazard identified but no DNEL/PNEC available; NEA = no expected exposure; NPI = no hazard identified.

Technical controls

Ensure adequate ventilation, especially in enclosed areas.

Make sure eye washes and showers are close to the workplace.

Use anti-exposure equipment

Provide an emergency exit.

8.2 Exposure controls

Hands protection

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

Respiratory protection

If the threshold value (e.g. TLV-TWA) of the substance or one or more of the substances present in the product is exceeded, it is recommended to wear a mask with a type B filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If gases or vapors of a different nature and/or gases or vapors with particles (aerosols, fumes, mists, etc.) are present, combined filters must be provided.

The use of respiratory protection means is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values taken into consideration. However, the protection offered by masks is limited.

In the event that the substance considered is odorless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open-circuit compressed air breathing apparatus (ref. standard EN 137) or a self-contained breathing apparatus external air (ref. EN 138 standard). For the correct choice of respiratory protection device, refer to the EN 529 standard.

Eye and face protection

Wear protective goggles (see standard EN 166).

Body and skin protection:

Wear clean antistatic clothing with consistent coverage and antistatic safety footwear for professional use of category S2 (Type EN20345). In case of prolonged contact, use protective clothing impermeable to this material: shirts, aprons or full coveralls (Type EN 340-EN13034).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Straw yellow
Odour:	Characteristic
Odour threshold:	N.A.
pH:	7.5
Melting point/freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Flash point:	> 60 °C
Evaporation rate:	N.A.
Flammability (solid, gas):	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour pressure:	N.A.
Vapour density (Air=1):	1 kg/l Temperature: 20 °C
Relative density (Water=1):	N.A.
Solubility(ies):	N.D.
Partition coefficient: n-octanol/water:	N.A.

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Auto-ignition temperature (°C):	N.A.
Decomposition temperature:	N.A.
Dynamic viscosity:	12000 Method: Rheometric (Kinexus) - Pa.s Temperature: 25°C
Explosive properties:	Non-explosive product
Oxidising properties:	N.A.

9.2 Other information

VOC (Directive 2010/75/EU) 0.15 % - 1.54 g/litre

VOC (volatile carbon) 0

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

There are no particular dangers of reaction with other substances under normal conditions of use.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Under normal conditions of use and storage, dangerous reactions are not foreseeable.

10.4 Conditions to avoid

Avoid overheating. Avoid the accumulation of electrostatic charges. Avoid any source of ignition.

10.5 Incompatible materials

The reaction occurs with the formation of methanol.

10.6 Hazardous decomposition products

Due to thermal decomposition or in the event of fire, gases and vapors potentially harmful to health can be released.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Unless otherwise specified, the data required by Regulation (EU) 878/2020 indicated below are to be considered N.A.:

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Immediate, delayed and chronic effects resulting from short- and long-term exposures

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no relevant component)

ATE (Oral) of the mixture: Not classified (no relevant component)

ATE (Dermal) of the mixture: Not classified (no relevant component)

2-methylisothiazol-3(2H)-one

LD50 (Dermal): > 242 mg/kg

LD50 (Oral): > 120 mg/kg

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LC50 (Inhalation of mists/dusts): > 100 mg/m³/4h

SKIN CORROSION / SKIN IRRITATION

It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

It does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

May cause an allergic reaction.

Contains:

2-methylisothiazol-3(2H)-one

Respiratory sensitization

Information not available

Skin sensitization

Information not available

MUTAGENICITY ON GERM CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

Harmful effects on sexual function and fertility

Information not available

Harmful effects on the development of offspring

Information not available

Effects on or through breastfeeding

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

DANGER IN CASE OF ASPIRATION

It does not meet the classification criteria for this hazard class

11.2 Information on other hazards

Information not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Endpoint	Test duration (hour)	Species	Value
2-methylisothiazol-3(2H)-one			
LC50	96	Fish	>4.77mg/l
EC50	48h	Crustaceans	1.6mg/l
LC50	33g	Fish	>2.1mg/l

12.2 Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
2-methyl-2H-isothiazol-3-one	HIGH	HIGH

12.3 Bioaccumulative potential

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2-methyl-2H-isothiazol-3-one

LOW (LogKOW = -0.8767)

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12.4 Mobility in soil

2-methyl-2H-isothiazol-3-one

LOW (KOC = 27.88)

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

N.A.

14.2 UN proper shipping name

N.A.

14.3 Transport hazard class(es)

N.A.

14.4 Packing group

N.A.

14.5 Environmental hazards

N.A.

14.6 Special precautions for user

N.A.

14.7 Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: REGULATORY INFORMATION

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

Seveso Category – Directive 2012/18/EC:

None.

Restrictions relating to the product or substances contained according to Annex XVII Regulation (EC) 1907/2006

Substances contained

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Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture

SECTION 16: OTHER INFORMATION

Full text of H codes mentioned in sections 2 – 3

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic organisms.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.
- EUH210 Safety data sheet available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

- Regulation (EU) 1907/2006 of the European Parliament (REACH)
- Regulation (EU) 1272/2008 of the European Parliament (CLP)
- Regulation (EU) 2020/878 (Annex II REACH Regulation)
- Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
- Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
- Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)

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Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
Regulation (EU) 2016/1179 (IX Atp. CLP)
Regulation (EU) 2017/776 (X Atp. CLP)
Regulation (EU) 2018/669 (XI Atp. CLP)
Regulation (EU) 2019/521 (XII Atp. CLP)
Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
Regulation (EU) 2019/1148
Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)
Regulation (EU) 2020/878 of the European Parliament

The Merck Index. – 10th Edition
Handling Chemical Safety
INRS – Fiche Toxicologique (toxicological sheet)
Patty – Industrial Hygiene and Toxicology
N.I. Sax – Dangerous properties of Industrial Materials-7, 1989 Edition
ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes compared to the previous version:

01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16

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