

Safety Data Sheet

according to Regulation (EG) No. 1907/2006

Date: 2017-11-28
Revision date: 2018-02-02
Valid from: 2018-02-02

Version: 2
Replaces version: 1



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

1.1 Product identifier

Substance name / Trade name: Pretty Paw
Index-No.: No data available.
EG-No.: No data available.
CAS-No.: No data available.
REACH registration no.: No data available.
Other means of identification: No data available.

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

Relevant identified uses: Care products for animals.
Uses advised against: None identified.

1.3 Details of the supplier of the safety data sheet

Supplier name: WAHL GmbH
Address: Roggenbachweg 9
D-78089 Unterkirnach
Telephone: +49 7721 806 0
Telefax: +49 7721 806 102
E-Mail: info@wahlgmbh.com

1.4 Emergency telephone number: Supplier telephone: +49 7721 806 0 (usual times)
Poison Information Agency Freiburg (Germany) Tel.: +49 (0)761 9240
Fire department 112 (Germany)
Police 110 (Germany)

Section 2: Hazards identification

2.1 Classification of the substance or mixture.

Classification according to Regulation (EC) No. 1272/2008
No dangerous mixture according to Regulation (EC) No. 1272/2008.
For the full text of the H- and EUH-Statements mentioned in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms: No pictogram.

Signal word: No signal word.

Hazards determining components for labelling:

Hazard statements: EUH208: Contains (5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one). May produce an allergic reaction.

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

Supplemental hazard information: None.

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
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WAHL® MOSER® ermila®

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.

Section 3: Composition/information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Substance name: 2-Methyl-2H-isothiazol-3-one

Index-No.: No data available.

EG-No.: 220-239-6

CAS-No.: 2682-20-4

Molecular weight: 115,15 g/mol

Formula: C₄H₅NOS

REACH registration no.: No data available.

Concentration [%] < 0,1%

Classification according to Regulation (EC) No. 1272/2008:

Acute Tox. 3 (Acute toxicity (dermal), Category 3, H311)

Acute Tox. 4 (Acute toxicity (oral), Category 4, H302)

Skin Corr. 1A (Skin corrosion/irritation, Category 1A, H314)

Skin Sens. 1 (Skin sensitisation, Category 1, H317)

Aquatic Acute 1 (Hazardous to the aquatic environment: Acute hazard, Category 1, H400)

Substance name: 5-Chloro-2-methyl-2H-isothiazol-3-one

Index-No.: No data available.

EG-No.: 247-500-7

CAS-No.: 26172-55-4

Molecular weight: 149,59 g/mol

Formula: C₄H₄ClNOS

REACH registration no.: No data available.

Concentration [%] < 0,1%

Classification according to Regulation (EC) No. 1272/2008:

Acute Tox. 3 (Acute toxicity (dermal), Category 3, H311)

Acute Tox. 3 (Acute toxicity (inhalation), Category 3, H331)

Acute Tox. 3 (Acute toxicity (oral), Category 3, H301)

Skin Corr. 1B (Skin corrosion/irritation, Category 1B, H314)

Skin Sens. 1 (Skin sensitisation, Category 1, H317)

Aquatic Acute 1 (Hazardous to the aquatic environment: Acute hazard, Category 1, H400)

Aquatic Chronic 1 (Hazardous to the aquatic environment: Chronic hazard, Category 1, H410)

For the full text of the H- and EUH-Statements mentioned in this section, see section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Safety Data Sheet

according to Regulation (EG) No. 1907/2006

Date: 2017-11-28
Revision date: 2018-02-02
Valid from: 2018-02-02

Version: 2
Replaces version: 1



WAHL® MOSER® ermila®

General information: Consult a physician. Show this safety data sheet to the doctor in attendance.
Following inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Following skin contact: Wash off with soap and plenty of water. Consult a physician.
Following eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Following ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are headache, nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Not suitable: Sand

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Use water to cool unopened containers.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove persons to safety. Vapours can accumulate in low areas. For personal protection see section 8. Contaminated surfaces can be slippery.

6.2 Environmental precautions

Avoid further leakage or spillage if possible without risk. Do not let product enter drains.

If larger amounts are released into the sewage system/environment, the competent local authority must be informed.

6.3 Methods and materials for containment and cleaning up

For larger quantities: Pump off product. With leftovers: Narrow spillage with neutralizing and non-combustible absorbent and collect for disposal in the appropriate containers according to local regulations. Small amounts (up to about 0.5 l) take up with plenty of water, dispose water into the sewerage.

6.4 Reference to other sections

For disposal see section 13.

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Do not leave vessels open.

General hygiene measures:

- Do not eat, drink or smoke in working areas.
- Wash hands after use.
- Remove contaminated clothing and protective equipment before entering areas with food or drink.

Fire preventions

Normal measures for preventive fire protection.

Aerosol and dust generation preventions

Keep container tightly closed.

Environmental precautions

Store in a place with solvent-resistant floor or on a collecting basin so that the protection of groundwater is ensured in case of leakage. Always keep in containers of same material as the original.

Advice on general occupational hygiene

When using do not eat, drink or smoke. Wash hands before breaks and at end of work.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Close open containers carefully and kept upright to prevent leakage. Do not store together with strong oxidizing agents. Protect from frost.

Storage class (TRGS 510): -

Classification according to Betriebssicherheitsverordnung (BetrSichV, Germany): -

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limits.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in

Safety Data Sheet

according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

No respiratory protection is needed. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Avoid further leakage or spillage if possible without risk. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid	Sensory
Colour:	Colourless to light yellow	Sensory
Odour:	Characteristic	Sensory
Odour Threshold:	No data available.	
pH:	No data available.	
Melting point/freezing point:	No data available.	
Initial boiling point and boiling range:	No data available.	
Flash point:	No data available.	
Evaporation rate:	No data available.	
Flammability (solid, gas):	No data available.	
Upper/lower flammability or explosive limits:	No data available.	
Vapour pressure:	No data available.	
Vapour density:	No data available.	
Relative density:	No data available.	
Water solubility:	No data available.	
Partition coefficient: (n-Octanol/Water)	No data available.	
Auto-ignition temperature:	No data available.	
Decomposition temperature:	No data available.	
Viscosity:	No data available.	
Explosive properties:	No data available.	
Oxidizing properties:	No data available.	

9.2 Other safety information

No data available.

Safety Data Sheet

according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

Section 10: Stability and reactivity

10.1 Reactivity

Reacts with acids and alkalis with vigorous evolution of heat. Reacts with vigorous evolution of heat, e.g. with halogens, alkalis, oxidizing agents, nitrates, nitrites, nitric acid, metals.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available. If used as intended dangerous reactions are not expected.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Metals, strong oxidizers, strong acids and alkalis.

10.6 Hazardous decomposition products

Other decomposition products – No data available.
In the event of fire: See section 5.

Section 11: Toxicological information

There are no toxicological studies for the mixture.

Acute toxicity

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

LD 50 (oral): 300 mg/kg

LD 50 (dermal): 242 mg/kg

Skin corrosion/irritation

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

not additive, Classification of the substance: Category 1B

SCL: Category 1B: 5 % (General Limit) Category 1C: 5 % (General Limit) Category 2: 10 % (General Limit)

5-Chloro-2-methyl-2H-isothiazol-3-one, CAS-Nr.: 26172-55-4

not additive, Classification of the substance: Category 1A

Category 1A: 5 % (General Limit) Category 1B: 5 % (General Limit) Category 1C: 5 % (General Limit) Category 2: 10 % (General Limit)

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

Classification of the substance: Category 1

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

SCL: Category 1: 1 % (General Limit)

5-Chloro-2-methyl-2H-isothiazol-3-one, CAS-Nr.: 26172-55-4

Classification of the substance: Category 1

SCL: Category 1: 1 % (General Limit)

The mixture is not skin sensitizing. It can nevertheless cause allergies in sensitive people.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Specific target organ toxicity - single exposure

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

Inhalation - May cause respiratory irritation.

Aspiration hazard

Not classified. The mixture contains no hydrocarbons in concentration $\geq 1\%$.

Additional Information

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

RTECS: NX8157080

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

According to our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12: Ecological information

12.1 Toxicity

2-Methyl-2H-isothiazol-3-one, CAS-Nr.: 2682-20-4

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 0,07 mg/l - 96,0 h

Toxicity to daphnia and other aquatic invertebrates

Immobilization EC50 - *Daphnia magna* (Water flea) - 0,18 mg/l - 48 h

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 and vPvB assessment

Safety Data Sheet

according to Regulation (EG) No. 1907/2006

Date: 2017-11-28
Revision date: 2018-02-02
Valid from: 2018-02-02

Version: 2
Replaces version: 1



WAHL® MOSER® ermila®

This substance/mixture contains no components considered to be either persistent, bioaccumulative or toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Very toxic to aquatic life with long lasting effects.

Section 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

Waste code according to European Waste Catalogue (EWC)

The six-digit waste classification must be specifically assigned according to industry-, origin-, waste or process categories. It must be possibly coordinated with the local competent authority (for example, city council or district office) or the disposer.

Special precautions

No data available.

Relevant EU or other regulations

No data available.

Section 14: Transport information

14.1 UN number

Not dangerous goods.

14.2 UN proper shipping name

ADR / RID Not dangerous goods.

IMGD-Code / ICAO-TI / IATA-DGR Not dangerous goods.

14.3 Transport hazard class(es)

ADR / RID / IMGD-Code / ICAO-TI / IATA-DGR

Not dangerous goods.

14.4 Packaging group

ADR / RID / IMGD-Code / ICAO-TI / IATA-DGR

Not dangerous goods.

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

14.5 Environmental hazards

ADR / RID / IMDG-Code Not dangerous goods.

ICAO-TI / IATA-DGR Not dangerous goods.

14.6 Special precautions for user

Not dangerous goods.

Section 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

The information for the substance listings were compiled to the best knowledge and belief, and do not claim to be exhaustive in particular for mixtures.

National regulations (Germany)

Water hazard class: Slightly water polluting (self-classification)

Solvent Regulation (31. BImSchV): < 1% VOC

Advice for employment restrictions:

Consider employment restrictions for young people according to § 22 JArbSchG.

Störfallverordnung: Quantity limits according to Störfallverordnung must be observed.

Classification according to Betriebssicherheitsverordnung (BetrSichV): -

Other regulations, restrictions and prohibition regulations

TRGS 510 „Lagerung von Gefahrstoffen in ortsbeweglichen Behältern“

ZH 1/105 „Schutzkleidung-Merkblatt“

ZH 1/134 „Atemschutzmerkblatt“

ZH 1/562 „Lösemittel-Reinigungsanlagen“

ZH 1/566 „Merkblatt für Explosionsschutz-Maßnahmen an Lösemittel-Reinigungsanlagen“

BG-leaflet:

BGI 595 „Reizende Stoffe/Ätzende Stoffe“

BGR 180 „Umgang mit Lösemitteln“

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16: Other information

Changes since the last version

See sections/subsections – 15.1

Literature and data sources

REACH Regulation (EC) No. 1907/2006, including the subsequent amendments

CLP Regulation (EC) No. 1272/2008, including the subsequent amendments

<http://echa.europa.eu/en/candidate-list-table>

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



WAHL® MOSER® ermila®

<http://gestis.itrust.de>
<http://www.baua.de>
<http://publikationen.dguv.de>

Full text of H-Statements referred to under sections 2 and 3.

According to Regulation (EC) No. 1272/2008:

EUH208: Contains (5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one). May produce an allergic reaction.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Methods according to article 9 of Regulation (EC) No. 1272/2008 to evaluate the information used for classification purposes

Health and environmental hazards: calculation method

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

BImSchV Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes

CAS Chemical Abstracts Service

DIN Norm of the German Institute for Standardization

EC Effective concentration

EC European Community

EN European Norm

IATA-DGR International Air Transport Association-Dangerous Goods Regulations

IBC-Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

ICAO-TI International Civil Aviation Organization-Technical Instructions

IMDG-Code International Maritime Code for Dangerous Goods

ISO Norm of International Standards Organization

IUCLID International Uniform Chemical Information Database

LC Lethal concentration

LD Lethal dose

log K_{ow} Partition coefficient between Octanol and water

MARPOL Maritime Pollution Convention

OECD Organisation for Economic Co-operation and Development

PBT persistent, bioaccumulative, toxic

TRGS Technische Regeln für Gefahrstoffe

UN United Nations

VOC Volatile Organic Compounds

Safety Data Sheet according to Regulation (EG) No. 1907/2006

Date: 2017-11-28 Version: 2
Revision date: 2018-02-02 Replaces version: 1
Valid from: 2018-02-02



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vPvB very persistent and very bioaccumulative
VwVwS Verwaltungsvorschrift wassergefährdender Stoffe
WGK Wassergefährdungsklasse (water hazard class)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. WAHL GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

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