

DATA SHEET

MASTER ECO LINE

Date of issue 01/06/2010

Date updated 25/10/2019

PL version: 6.0

This Data Sheet is compliant with Directive 1907/2006/EC of 18/12/2006 - REACH as well as Directive 2015/830 of 28/05/2015.

SECTION 1: Identification of substance/mixture and identification of enterprise

1.1. Product identifier MASTER ECO LINE

1.2. Significant identified applications of the substance or mixture and unadvised applications

Identified application: for use inside buildings

Unadvised application: undetermined

1.3. Data concerning data sheet issuer

Manufacturer: MASTer® Chemia Budowlana Sp. z o. o.
ul. Piłsudskiego 55
32-050 Skawina
Tel.: 012 256 06 30, 012 264 74 30
email: biuro@mastermas.com.pl

E-mail address of person responsible for data sheet: info@spin-doradztwo.pl

1.4. Alarm telephone number 012 256 06 30, 012 264 74 30 - **8:00 a.m. - 4:00 p.m.**
112 (general emergency number), 998 (fire service), 999 (emergency medical service);

SECTION 2: Hazard identification

2.1. Classification of substance or mixture

According to regulation 1272/2008:

Mixture not classified as hazardous.

Hazard to human health

None

Environmental hazard

None

Physical/chemical hazards

None

2.2. Marking elements

Pictograms:

None

Warning phrase:

None

Phrases indicating hazard type:

None

Phrases defining precautions:

None

2.3. Other hazards

Annex XIII to the REACH Directive – Criteria for the identification of persistent, bioaccumulative and toxic (PBT) substances, and very persistent and very bioaccumulative (vPvB) substances – not applicable

SECTION 3: Composition/information about ingredients

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3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredients:

Product identifier	Contents %	CLP classification	
		Hazard class i category codes	Codes of phrases indicating hazard type
post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: - Index no.: 613-167-00-5 REACH No.: exempt	<0.00015	Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1C Eye Dam. 1; H318 Skin Sens. 1 Aquatic Acute 1 (M=100) Aquatic Chronic 1 (M=100)	H330 H310 H301 H314 H318 H317 H400 H410

Complete wording of H-phrases in section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of contact with skin:

Remove contaminated clothing, wash skin exposed to contact with water and soap, rinse thoroughly with water, in the event of irritation, consult a physician.

In case of contact with eyes:

Wash eyes for about 15 minutes with a large amount of water, keeping eyelids wide open. Avoid a strong stream of water due to the risk of corneal damage, contact a physician in the event of troubling symptoms.

Exposure by inhalation:

In the case of dizziness or nausea, lead the affected person outside to breathe in fresh air, and if there is no immediate improvement, consult a physician.

In case of swallowing:

Do not induce vomiting, rinse mouth with water. If necessary, contact a physician.

4.2. Most important acute and delayed symptoms and effects of exposure

Contact with eyes: may cause irritation as a result of direct contact, redness and profuse lachrymation.

Digestive tract: Ingestion may cause irritation of mucous membranes in the oral cavity, throat and further segments of the digestive tract.

4.3. Indications concerning any immediate medical assistance and special procedure for victim

A physician decides on the procedure after evaluating the victim's condition.

SECTION 5: Procedure in the case of fire

5.1. Extinguishing measures

Appropriate extinguishing measures: alcohol-resistant foam or dry extinguishing powders (A,B,C), carbon dioxide (CO2 fire extinguisher), sand or earth, water mist. Use extinguishing measures appropriate to conditions in surroundings

Inappropriate extinguishing measures: strong stream of water

5.2. Special hazards related to the substance or mixture

Hazardous products of decomposition, containing carbon oxides, among other substances, are released under the action of high temperatures during a fire.

5.3. Information for fire service

Cool containers found in the fire zone with a sprayed stream of water and remove them from the hazardous area if possible. In the case of fire in a closed room, use protective clothing and compressed air respiration apparatus. Do not allow water used for extinguishing to penetrate into surface waters, groundwaters or the sewer system.

SECTION 6: Procedure in the case of unintended release into the environment**6.1. Personal precautionary measures, protective equipment and procedures in emergency situations**

For persons not among personnel providing assistance: inform the relevant services of the failure. Remove persons not participating in elimination of the failure.

For persons providing assistance: Ensure proper ventilation, apply personal protective equipment.

6.2. Precautionary measures in the scope of environmental protection

Prevent propagation and penetration into the sewer system and water reservoirs.

6.3. Methods and materials preventing propagation of contamination and serving to remove contamination

Prevent propagation and remove by collecting on non-flammable absorptive material (sand, sawdust, diatomaceous earth, universal absorbent), place contaminated material in appropriately marked containers for disposal according to applicable regulations.

6.4. References to other sections

Procedure with product waste - see section 13 of the sheet.

Personal protection measures - see section 8 of the sheet.

SECTION 7: Procedure with substances and mixtures and their storage**7.1. Precautions concerning safe procedure**

Use local exhaust ventilation systems. Avoid contact with eyes. Avoid contact with skin. Avoid contact with other mixtures and chemical substances. Work according to the principles of safety and hygiene: do not consume foods or beverages, do not smoke at the workplace, wash hands after use, remove dirty clothing and protective equipment before entering locations intended for eating meals.

7.2. Safe storage conditions, including information concerning any mutual non-compliances

Store in a cool (storage temperature from 5°C to 30°C), dry, well-ventilated room in the properly marked, hermetically sealed, original container. Avoid direct exposure to sunlight and heat sources, hot surfaces and open flame. Store far away from strong acids and strong oxidants.

7.3. Special end-use(s)

For use inside buildings

SECTION 8: Control of exposure/personal protection equipment**8.1. Parameters concerning control**

Standards of exposure for occupational hazards according to the Ordinance of the Minister of Family, Labor and Social Policy of 12 June 2018 on maximum concentrations and intensities of factors harmful to health at the workplace (Journal of Laws item 1286).

Ingredients to which exposure standards pertain:

none

8.2. Exposure control

Adequate technical control measures:: it is recommended to use general ventilation of a room.

Individual protective measures, such as personal protective equipment:



Eye or face protection:

Use protective goggles or a protective face mask (compliant with the EN 166 standard).

use chemical-resistant protective gloves compliant with the EN-PN 374:2005 standard.

Recommended material: nitrile rubber

Material thickness: > 0.4mm

Penetration time: >480 min.

Skin protection:

Hand protection: use chemical-resistant protective gloves compliant with the EN-PN 374:2005 standard.

Material of gloves:

The choice of proper gloves does not only depend on the material, but also on the brand and quality arising from differences between

manufacturers. The resistance of the material used to make gloves may be determined after tests are conducted. The precise time until destruction of gloves must be determined by the manufacturer.

Other:

Use work clothing - wash regularly.

Respiratory tract protection:

Avoid inhaling vapors of the product.

Thermal hazards

Not applicable.

Environmental exposure control

Do not allow propagation in the environment and penetration into the sewer system and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information concerning basic physical and chemical properties

Appearance	Paste
Color	According to specifications
Odor	Specific to product
Odor threshold	No data.
pH	No data.
Melting temperature/range	No data.
Boiling temperature/range	No data.
Ignition temperature	No data.
Evaporation rate	No data.
Flammability (solid, gas)	Not applicable
Lower explosiveness limit	No data.
Upper explosiveness limit	No data.
Pressure of vapors	No data.

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Relative density of vapors	No data.
Density at 20°C	1.85g/cm ³ (+/-5%)
Solubility in solvents	No data.
n-octanol/water partition coefficient	No data.
Self-ignition temperature	No data.
Decomposition temperature	No data.
Viscosity	No data.
Explosive properties	No data.
Oxidizing properties	No data.

9.2. Other information

No additional test results.

SECTION 10: Stability and reactivity

10.1. Reactivity

Unknown.

10.2. Chemical stability

Product stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to be avoided

Avoid elevated temperature, direct exposure to sunlight, hot surfaces and open flame.

10.5. Non-compliant materials

Strong acids, oxidants.

10.6. Hazardous products of decomposition

Carbon oxides

SECTION 11: Toxicological information

11.1. Information concerning toxicological effects

- a) acute toxicity: based on available data, classification criteria are not met
- b) caustic/irritant effect on skin: based on available data, classification criteria are not met
- c) severe eye damage/irritant action on eyes: based on available data, classification criteria are not met
- d) sensitizing action on respiratory tract or skin: based on available date, classification criteria are not met
- e) germ cell mutagenicity: based on available data, classification criteria are not met
- f) carcinogenicity: based on available data, classification criteria are not met
- g) reproductive toxicity: based on available data, classification criteria are not met
- h) toxicity to target organs - one-time exposure: based on available data, classification criteria are not met
- i) toxic action on target organs – repeated exposure: based on available date, classification criteria are not met
- j) aspiration hazard: based on available data, classification criteria are not met

Data for ingredients:

post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LD50 orally rat: 53mg/kg

LD50 skin, rabbit: 660mg/kg

SECTION 12: Ecological information**12.1. Toxicity**

Mixture not classified as hazardous to the environment. Do not allow penetration into groundwaters, the sewer system or watercourses.

Data for ingredients:

post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Fish LC50: 0.36mg/l, 96h

Fish LC50: 0.19mg/l, 96h

Crustaceans LC50: 0.56mg/l, 48h

Crustaceans EC50: 1.07mg/l, 48h

Crustaceans EC50: 0.18mg/l, 48h

Algae EC50: 0.06mg/l, 96h

Algae EC50: 0.13mg/l, 72h

12.2. Stability and decomposability

Biodegradeable.

12.3. Bioaccumulation ability

No information available for mixture.

12.4. Mobility in soil

No information available for mixture.

12.5. PBT and vPvP properties assessment results

The substances contained in the product do not meet PBT and vPvB criteria.

12.6. Other harmful effects of action

No data.

SECTION 13: Procedure with waste**13.1. Waste neutralization methods**

Disposal of waste and single-use packaging should be handled by specialized companies.

Store residue in original containers. Dispose of according to applicable regulations.

Empty, cleaned packaging units are to be disposed of/recycled according to applicable regulations.

The waste code is to be determined at the site of waste generation according to the Regulation of the Minister of Environment of 9 December 2014 on the waste catalogue (Journal of Laws item 1923).

Community regulations:

Directive of the European Parliament and of the Council 2008/98/EC of 19 November 2008 on waste and repealing certain directives.

SECTION 14: Information concerning transportADR/RID/IMDG/IATA:**14.1. UN number**

Not applicable, product not classified as hazardous during transport.

14.2. UN proper shipping name

Not applicable, product not classified as hazardous during transport.

14.3. Hazard class(es) during transport

Not applicable, product not classified as hazardous during transport.

14.4. Packing group

Not applicable, product not classified as hazardous during transport.

14.5. Environmental hazard

Not applicable, product not classified as hazardous during transport.

14.6. Special precautions for users

Not applicable, product not classified as hazardous during transport.

14.7. Bulk transport according to annex II to MARPOL convention and IBC code

Not applicable, product not classified as hazardous during transport.

SECTION 15: Information concerning legal provisions**15.1. Legal provisions concerning health, safety and environmental protection specific to the substance or mixture**

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.
2. 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)
3. 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)
4. Regulation No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 (CLP), as amended.
5. Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322, as amended).
6. Notice of the Marshal of the Sejm of the Republic of Poland of 28 July 2015 on announcement of the consolidated text of the act on chemical substances and their mixtures (Journal of Laws 2015, item 1203)
7. Ordinance of the Minister of Health of 10 October 2013, amending the ordinance on categories of hazardous substances and hazardous mixtures with packaging equipped with locks making opening by children difficult and tactile hazard warnings (Journal of Laws of 2013, No. 0, item 1225)
8. Act of 14 December 2012 on waste (Journal of Laws of 2013, No. 0, item 21, as amended).
9. Act of 13 June 2013 on management of packagings and packaging waste (Journal of Laws No. 2013, item 888, as amended).
10. Regulation of the Minister of Environment of 9 December 2014 on the waste catalogue (Journal of Laws item 1923).
11. Directive of the European Parliament and of the Council 2008/98/EC of 19 November 2008 on waste and repealing certain directives.
12. Act of 19 August 2011 on shipping of hazardous goods (Journal of Laws No. 227, item 1367, as amended).
13. Government Declaration of 28 February 2017 on entry into force of amendments to annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), concluded in Geneva on 30 September 1957 (Journal of Laws of 2017, item 1119).
14. Ordinance of the Minister of Family, Labor and Social Policy of 12 June 2018 on maximum concentrations and intensities of factors harmful to health at the workplace (Journal of Laws item 1286).
15. Ordinance of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical factors at the workplace (Journal of Laws of 2005, No. 11, item 86, as amended).
16. Notice of the Minister of Health of 9 September 2016 on announcement of the consolidated text of the regulation of the Minister of Health on occupational health and safety related to the presence of chemical agents at the workplace (Journal of Laws 2016, item 1488)
17. Ordinance of the Minister of Environment of 9 December 2003 on substances posing a special environmental hazard (Journal of Laws No. 217, item 2141).

15.2. Chemical safety assessment

No chemical safety assessment for mixture.

Annex XIV to the REACH Directive – List of substances subject to authorization: not applicable

SVHC substances - Candidate list of substances of very high concern, awaiting authorization:

Not applicable

Annex XVII to the REACH Directive – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: not applicable

SECTION 16: Other information**H-phrases:****H301** - Toxic if swallowed.**H310** – fatal in contact with skin**H311** - Toxic in contact with skin.**H314** - Causes severe skin burns and eye damage.**H317** - May cause an allergic skin reaction**H318** - Causes serious eye damage**H330** – fatal if inhaled**H331** - Toxic if inhaled.**H341** - Suspected of causing genetic defects.**H350** – may cause cancer**H400** - Very toxic to aquatic life.**H410** - Very toxic to aquatic life with long-lasting effects**Description of abbreviations, acronyms and symbols used:****Acute Tox. 2** - Acute toxicity cat. 2**Acute Tox. 3** - Acute toxicity cat. 3**Carc. 1B** – carcinogenicity cat. 1B**Muta. 2** – Germ cell mutagenicity cat. 2**Skin Corr. 1B** - Skin corrosion cat. 1B**Skin Corr. 1C** - Skin corrosion cat. 1C**Skin Sens. 1** - Sensitisation of the skin cat. 1**Eye Dam. 1** - Serious eye damage cat. 1**Aquatic Acute 1** - Toxic to aquatic life. 1**Aquatic Chronic 1** - Toxic to aquatic life. 1**NDS** – Maximum Tolerable Concentration**NDSch** - Maximum Tolerable Instant Concentration**NDSP** - Maximum Tolerable Threshold Concentration**DNEL** – Derived No-Effect Level**LC50 – (lethal concentration)** – the median lethal concentration, statistically determined quantity of the concentration of a substance, after exposure to which it can be expected that, over the duration of exposure or during a specific, conventional period after exposure, death of 50% of the organisms exposed to this substance will occur.**LD50 – (lethal dose)** – median lethal dose, statistically determined quantity of a single dose of a substance, upon the administration of which death of 50% of exposed test organisms can be expected.**EC50 – (effective concentration)** – median effective concentration, statistically calculated concentration that induces in an environmental medium a specific effect in 50% of test organisms under specific conditions**PBT** - Persistent, bioaccumulative and toxic substances**vPvB** – very persistent and very bioaccumulative substances**ADR** – European Agreement concerning the International Carriage of Dangerous Goods by Road**RID** – Regulation concerning the International Carriage of Dangerous Goods by Rail**IMDG** – International Maritime Dangerous Goods Code**IATA** – Dangerous Goods Regulations issued by the International Air Transport Association**Basis of classification:** product not classified as hazardous**Changes in sections:** 1,2,3,6,8,11,12,13,14,15,16**Training:** Not required.**SOURCE MATERIALS**

Annex to Commission Regulation (EU) 2015/830 of 28 May 2015

Legal provisions cited in section 15 of the sheet

Information of the Office for Chemical Substances.

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The information contained in the data sheet pertains only to the product mentioned in the title. The data contained in the sheet is to be considered only as an aid for safe use of the Master ECOLINE product. Because storage, transport and use conditions are beyond our control, they may not constitute a guarantee in a legal sense. Always follow statutory provisions and respect potential rights of third parties. *This sheet does not constitute a workplace risk assessment.* The product may not be used for purposes other than those specified in section 1 without prior consultation of MASTer® Chemia Budowlana Sp. z o. o.

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