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

1.1. Product identifier

Mixture identification:
Trade name: Linea start lavabile
Commercial codes: .534

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

Recommended use:
Paint ; professional use - for the final consumer
Uses advised against:
No specific exclusion are known

1.3. Details of the supplier of the safety data sheet

Company:
ARD RACCANELLO SPA
Prima strada, 13 Zona Industriale Nord
35129 PADOVA - ITALY
Tel. +390498060000 Fax. +39049773749 (only available during office hours 8.00 - 17.00)
Competent person responsible for the safety data sheet:
regulatory@ard-raccanello.it

1.4. Emergency telephone number

Tel. +390498060000 Fax. +39049773749 (only available during office hours 8.00 - 17.00)
Antipoison Center – Ospedale Niguarda – Milano - tel. +390266101029
Antipoison Center – Policlinico A.Gemelli – Roma - tel. +39063054343
Health and Safety Executive (HSE) Chemicals Regulation Directorate 5S.1 Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS, tel.: +44 151 951 3317 (from 9.00am to 5.30pm Monday to Friday). Great Britain

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Hazard pictograms:
None
Hazard statements:
None
Precautionary statements:
None
Special Provisions:

Contains
1,2-benzisothiazol-3(2H)-one; 2-methyl-2H-isothiazol-3-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1): May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%
Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Data not available

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
0,005% - 0,01%	1,2-benzisothiazol-3(2H)-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9	3.1/4/Oral Acute Tox. 4 H302 3.2/2 Skin Irrit. 2 H315 3.3/1 Eye Dam. 1 H318 3.4.2/1 Skin Sens. 1 H317 4.1/A1 Aquatic Acute 1 H400 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317
0,00015% - 0,00149%	2-methyl-2H-isothiazol-3-one	Index number: 613-326-00-9 CAS: 2682-20-4 EC: 220-239-6	3.1/3/Dermal Acute Tox. 3 H311 3.1/3/Oral Acute Tox. 3 H301 4.1/C1 Aquatic Chronic 1 H410 M=1. 3.3/1 Eye Dam. 1 H318 4.1/A1 Aquatic Acute 1 H400 M=10. 3.1/2/Inhal Acute Tox. 2 H330 3.2/1B Skin Corr. 1B H314 3.4.2/1A Skin Sens. 1A H317 EUH071 Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1A H317
0,00015% - 0,00149%	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Index number: 613-167-00-5 CAS: 55965-84-9	3.1/2/Inhal Acute Tox. 2 H330 3.1/2/Dermal Acute Tox. 2 H310 3.1/3/Oral Acute Tox. 3 H301 3.2/1C Skin Corr. 1C H314 3.3/1 Eye Dam. 1 H318 3.4.2/1A Skin Sens. 1A H317 4.1/A1 Aquatic Acute 1 H400 M=100. 4.1/C1 Aquatic Chronic 1 H410 M=100. EUH071 Specific Concentration Limits: C >= 0,6%: Skin Corr. 1C H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 C >= 0,6%: Eye Dam. 1 H318 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,0015%: Skin Sens. 1A H317

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:
Wash with plenty of water and soap.
In case of eyes contact:
Rinse immediately with plenty of water and seek medical advice.
In case of Ingestion:
Get medical advice/attention if you feel unwell.
In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Irrelevant, the product is not flammable.
Carbon dioxide (CO_2).
Extinguishing media which must not be used for safety reasons:
None in particular.

5.2. Special hazards arising from the substance or mixture

May produce toxic fumes of carbon monoxide if burning.
Do not inhale explosion and combustion gases.
Hazardous combustion products:
Carbon monoxide

5.3. Advice for firefighters

Use fire fighter's clothing conforming to European standard EN469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:
Alert the personnel responsible for the management of such emergencies. Move away from the accident area if you are not in possession of the personal protective equipment listed in Section 8
For emergency responders:
Remove all staff who are not adequately equipped to deal with the emergency.
Wear suitable personal protective equipment referred to in section 8 of the safety data sheet to prevent contamination of skin, eyes and personal clothing. Stop the leak if there is no danger.
Make the area affected by the accident accessible to workers only after adequate reclamation has taken place. Air the premises affected by the accident.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand.
Wash with plenty of water.
For cleaning up:
Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
Incompatible materials:
Keep away from acids.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s):

There are not occupational exposure limits in accordance to the EU legislation

DNEL Values:

2-methyl-2H-isothiazol-3-one - CAS: 2682-20-4

Worker Professional: 0.021 mg/m3 - Consumer: 0.021 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Professional: 0.043 mg/m3 - Consumer: 0.043 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Consumer: 0.027 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Consumer: 0.053 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

PNEC Values:

2-methyl-2H-isothiazol-3-one - CAS: 2682-20-4

Target: Fresh Water - Value: 3.39 µg/l
Target: intermittent releases - Value: 3.39 µg/l
Target: Marine water - Value: 3.39 µg/l
Target: Microorganisms in sewage treatments - Value: 0.23 mg/l
Target: Soil - Value: 0.047 mg/kg

8.2. Exposure controls

Appropriate engineering controls:

None

Eye/ face protection:

Not needed for normal use. Anyway, operate according good working practices.

Skin protection

a) protection for hands:

Not needed for normal use.

b) other:

Overall.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	**Value**	**Method:**	**Notes:**
Physical state:	Liquid	--	--
Colour:	Data not available	--	--
Odour:	Characteristic: acrid	--	--
Melting point/freezing point:	Data not available	--	--
Boiling point or initial boiling point and boiling range:	Data not available	--	--
Flammability:	Data not available	--	--
Lower and upper explosion limit:	Data not available	--	--
Flash point:	Not flammable	--	--
Auto-ignition temperature:	Data not available	--	--
Decomposition temperature:	Data not available	--	--
pH:	8.5 – 9.0	--	--
Kinematic viscosity:	Data not available	--	--
Solubility in water:		--	--
Solubility in oil:		--	--
Partition coefficient n-octanol/water (log value):	Data not available	--	--
Vapour pressure:	Data not available	--	--
Density and/or relative density:	1.620	--	--
Relative vapour density:	Data not available	--	--
Particle characteristics:			
Particle size:	Data not available	--	--

9.2. Other information

No other relevant information

Note: The data herein refer to QC when the product was put on the market.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

Linea start lavabile

a) acute toxicity
Not classified
Based on available data, the classification criteria are not met

b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met

c) serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met

e) germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met

f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met

g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met

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

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

j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 64 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 0.33 mg/L - Duration: 4h
b) skin corrosion/irritation:
Test: Skin Corrosive - Species: Rabbit Positive
c) serious eye damage/irritation:
Test: Eye Corrosive - Species: Rabbit Positive
d) respiratory or skin sensitisation:
Test: Skin Sensitization - Species: Cavia porcellus Positive
e) germ cell mutagenicity:
Test: Mutagenesis Negative
f) carcinogenicity:
Test: Carcinogenicity Negative
g) reproductive toxicity:
Test: Reproductive Toxicity Negative

11.2. Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
Linea start lavabile
Not classified for environmental hazards
Based on available data, the classification criteria are not met
1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 3.27 mg/L - Duration h: 48 - Notes: Daphnia magna (OECD 202) S2240
Endpoint: EC50 - Species: Algae = 0.11 mg/L - Duration h: 72 - Notes: Selenastrum capricornutum (OECD 201) S 2238
Endpoint: LC50 - Species: Fish = 1.6 mg/L - Duration h: 96 - Notes: Oncorhynchus mykkiss (OECD 203) S 2746
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 1.2 mg/L - Duration h: 504 - Notes: Dafnia mangna (OECD 211) S 803
2-methyl-2H-isothiazol-3-one - CAS: 2682-20-4
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 1.68 mg/L - Duration h: 48 - Notes: Daphnia magna (OECD 202) S 126
Endpoint: EC50 - Species: Algae = 0.157 mg/L - Duration h: 72 - Notes: Pseudokirchneriella subcapitata (OECD 201) S 128
Endpoint: LC50 - Species: Fish = 6.0 mg/L - Duration h: 96 - Notes: Oncorhychus mykiss (OECD 203) S 27
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 0.55 mg/L - Duration h: 504 - Notes: Daphnia magna (OECD 211) S 792
Endpoint: NOEC - Species: Fish = 2.38 mg/L - Duration h: 672 - Notes: Pimephales promelas (OECD 210) S 794
Endpoint: NOEC - Species: Algae = 0.03 mg/L - Duration h: 72 - Notes: Pseudokirchneriella subcapitata (OECD 201) S 128
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9
a) Aquatic acute toxicity:
Endpoint: NOEC - Species: Algae = 0.0014 mg/L - Duration h: 72 - Notes: Skeletonema costatum, static test, speed of grouth
Endpoint: EC50 - Species: Algae = 0.027 mg/L - Duration h: 72 - Notes: Pseudokirchnella subcapitata- OECD 201
Endpoint: EC50 - Species: Daphnia = 0.16 mg/L - Duration h: 48 - Notes: Daphnia magna- OECD 202
Endpoint: EC50 - Species: Fish = 0.19 mg/L - Duration h: 96 - Notes: Oncorhynchus mykiss- OECD 203
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 0.004 mg/L - Duration h: 504 - Notes: Daphnia magna (OECD 211) S 52
Endpoint: NOEC - Species: Fish = 0.098 mg/L - Duration h: 672 - Notes: Oncorhynchus mykiss (OECD 210) S 117

12.2. Persistence and degradability

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9

Biodegradability: Readily biodegradable - Test: Oxygen consumption - Notes: OECD 301 D (Closed-Bottle-Test)

12.3. Bioaccumulative potential

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9
Bioaccumulation: Not bioaccumulative - Test: log Kow -0.75

12.4. Mobility in soil

Data not available

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Re-use if possible. Residues of the product are to be considered as special NOT dangerous wastes. Waste producers in EU are responsible to assign the correct EWC code, according to the process that generated the waste; this code has to be assigned in accordance with the national laws.
The recommended EWC codes are:
08 01 12* waste paint and varnish other than those mentioned in 08 01 11.
16 03 04* inorganic wastes other than those mentioned in 16 03 03.
The disposal must be entrusted to companies authorized for waste management, in compliance with the national and possibly local laws.
AVOID release into sewers, water or soil. AVOID release to the environment.

CONTAMINATED PACKAGING
Completely empty and cleaned containers can be reused.
Packagings contaminated with residues are considered to be special NON-hazardous waste and must be sent to recovery or disposal in compliance with national rules on waste management at authorised companies.
The suggested EWC codes are:
15 01 02 “plastic packaging”, when container/packaging is totally made of plastic;
15 01 04 “metallic packaging”, when container/packaging is totally made of metal;
15 01 06 “mixed packaging”, when container/packaging is made of both plastic and metal.

AVOID release to the environment.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

Data not available

14.3. Transport hazard class(es)

Data not available

14.4. Packing group

Data not available

14.5. Environmental hazards

Data not available

14.6. Special precautions for user

Data not available

14.7. Maritime transport in bulk according to IMO instruments

Data not available

SECTION 15: Regulatory information

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

Regulation (EU) No 528/2012 and subsequent amendments.
Dir. 98/24/EC (Risks related to chemical agents at work).
Directive 2000/39/CE (Occupational exposure limit values) and subsequent modifications: 2004/37/CE, 2006/15/CE and 2009/161/UE.
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

Restriction 28
Restriction 72
Restriction 75

None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Commission Decision 2014/955/EU amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council.
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H311 Toxic in contact with skin.
H301 Toxic if swallowed.
H410 Very toxic to aquatic life with long lasting effects.
H330 Fatal if inhaled.
H314 Causes severe skin burns and eye damage.
EUH071 Corrosive to the respiratory tract.
H310 Fatal in contact with skin.
H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description

Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

The ECHA database on registered substances.
ESIS- European chemical Substances Information System.
eChemPortal- the global portal to Information on Chemical Substance.
GESTIS substance database.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.
Legend of acronyms and abbreviations used in the safety data sheet:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC50:	Median effective concentration expected to produce a certain effect in 50% of test organisms
ECHA:	European Chemicals Agency
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of notified Chemical Substances
EWC:	European Waste Catalogue
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IC50:	Half maximal inhibitory concentration.
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Data not available
NOEC:	No Observed Effect Concentration
Numero EC:	EINECS and ELINCS Number
OEL:	Substance with a Union workplace exposure limit.
PBT:	Persistent, Bioaccumulative and Toxic substance
PNEC:	Predicted No Effect Concentration.
REACH:	Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
SVHC:	Substances of Very High Concern
TLV:	Threshold Limiting Value.
UE:	European Union
vPvB:	Very Persistent and Very Bioaccumulative