

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

RIGO
VERFFABRIEK

Trade name : MARIL Muurverf Binnen
Revision date : 15.04.2020
Print date : 11-05-2020

Version (Revision) : 7.0.0 (6.0.0)

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

1.1 Product identifier

MARIL Muurverf Binnen

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

Interior wall paint

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

RIGO Verffabriek BV

Street : Dokweg 40

Postal code/city : 1976 CA IJmuiden

Information contact : Safety, Health & Environment: she@rigoverffabriek.nl

1.4 Emergency Telephone Number:

+31 (0)255 548448 (Office hours 08:00 - 16:30 GMT +1) Outside office hours: call a Poison Center or doctor/physician.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

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

Special rules for supplemental label elements for certain mixtures

EUH208

Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

EUH210

Safety data sheet available on request.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Hazardous ingredients

None

Components according to regulation (EG) Nr. 648/2004

None

SECTION 4: First aid measures

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

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4.1 Description of first aid measures

Following inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. When in doubt or if symptoms are observed, get medical advice.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Do NOT induce vomiting. When in doubt or if symptoms are observed, get medical advice.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Foam, Carbon dioxide (CO₂), Extinguishing powder, Water.

5.2 Special hazards arising from the substance or mixture

Heating causes rise in pressure with risk of bursting. Hazardous combustion products Carbon monoxide Carbon dioxide (CO₂) (dense) black smoke, Organic acids aldehydes.

5.3 Advice for firefighters

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2 Environmental precautions

Use appropriate container to avoid environmental contamination.

6.3 Methods and material for containment and cleaning up

Prevent leaks and prevent soil / water pollution caused by leaks. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

SECTION 8: Exposure controls/personal protection SECTION 13: Disposal considerations

SECTION 7: Handling and storage

Take care for general good hygiene and housekeeping.

7.1 Precautions for safe handling

Protective measures Personal protection equipment: see section 8 When using do not eat, drink, smoke, sniff. Wash hands before eating, drinking or smoking. Immediately remove any contaminated clothing, shoes or stockings.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Keep only in the original container at temperature not exceeding 40 °C.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

AMMONIA ; CAS No. : 1336-21-6

Limit value type (country of origin) : STEL (EC)

Limit value : 50 ppm / 36 mg/m³

Version : 20-06-2019

Limit value type (country of origin) : TWA (EC)

Limit value : 20 ppm / 14 mg/m³

Version : 20-06-2019

8.2 Exposure controls

Appropriate engineering controls

Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Personal protection equipment

Eye/face protection

Suitable eye protection

Eye glasses with side protection.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Hand protection

Suitable gloves type Protective gloves according to DIN EN 374 NBR (Nitrile rubber) Thickness > 0,4 mm; Breakthrough time (maximum wearing time) > 480 min. Check protective gloves before each use concerning their normal condition.

8.3 Additional information

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour : No information available.

Odour : Noticeable.

Safety characteristics

Physical state :

Liquid

Melting point/freezing point :

not relevant

Freezing point :

not relevant

Initial boiling point and boiling range :

No data available

Decomposition temperature :

No data available

Lower explosion limit :

No data available

Upper explosion limit :

No data available

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Vapour pressure :	(50 °C)	approx.	23	hPa
Density - dependent of color:	(20 °C)		1,42 - 1,44	g/cm ³
Bulk density :			No data available	
Relative density :	(20 °C)		1,42 - 1,44	(Water = 1)
Solvent separation test :	(20 °C)	<	3	%
Water solubility :	(20 °C)		No data available	
log P O/W :			No data available	
Viscosity :	(20 °C)	approx.	1100	mPa*s
Cinematic viscosity :	(40 °C)		No data available	
Odour threshold :			No data available	
Relative vapour density :	(20 °C)		No data available	
Vapourisation rate :			No data available	
VOC-value :		approx.	2	g/l VOC
Flammable solids :			Not applicable.	
Flammable gases :			Not applicable.	
Oxidising liquids :			Not relevant.	
Explosive properties :			Not relevant.	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute inhalation toxicity

No information available.

Corrosion

Irritation to respiratory tract

No information available.

Respiratory or skin sensitisation

Skin sensitisation

No information available.

Sensitisation to the respiratory tract

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

13.1 Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Disposal of this product and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

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14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

None

15.2 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 11. Acute inhalation toxicity · 11. Respiratory or skin sensitisation - Skin sensitisation · 11. Respiratory or skin sensitisation - Sensitisation to the respiratory tract · 15. Restrictions on use

16.2 Abbreviations and acronyms

a.i. = Active ingredient
ACGIH = American Conference of Governmental Industrial Hygienists (US)
ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
AFFF = Aqueous Film Forming Foam
AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)
AOAC = AOAC International (formerly Association of Official Analytical Chemists)
aq. = Aqueous
ASTM = American Society of Testing and Materials (US)
atm = Atmosphere(s)
B.V. = Beperkt Vennootschap (Limited)
BCF = Bioconcentration Factor
bp = Boiling point at stated pressure
bw = Body weight
ca = (Circa) about
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
CEFIC = European Chemical Industry Council (established 1972)
CIPAC = Collaborative International Pesticides Analytical Council
CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Conc = Concentration
cP = CentiPoise
cSt = Centistokes
d = Day(s)
DIN = Deutsches Institut für Normung e.V.
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC = European Community; European Commission
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)

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ErC50 = Median effective concentration (growth rate, e.g. of algae)
EU = European Union
EWC = European Waste Catalogue
FAO = Food and Agriculture Organization (United Nations)
GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)
h = Hour(s)
hPa = HectoPascal (unit of pressure)
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG Code = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
ISO = International Organization for Standardization
IUCRID = International Uniform Chemical Information Database
IUPAC = International Union of Pure and Applied Chemistry
kg = Kilogram
Kow = Distribution coefficient between n-octanol and water
kPa = KiloPascal (unit of pressure)
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
mg = Milligram
min = Minute(s)
ml = Milliliter
mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)
mp = Melting point
MRL = Maximum Residue Limit
MSDS = Material Safety Data Sheet
n.o.s. = Not Otherwise Specified
NIOSH = National Institute for Occupational Safety and Health (US)
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
NOx = Oxides of Nitrogen
OECD = Organization for Economic Cooperation and Development
OEL = Occupational Exposure Limits
Pa = Pascal (unit of pressure)
PBT = Persistent, Bioaccumulative or Toxic
pH = -log₁₀ hydrogen ion concentration
pKa = -log₁₀ acid dissociation constant
PNEC = Previsible Non Effect Concentration
POPs = Persistent Organic Pollutants
ppb = Parts per billion
PPE = Personal Protection Equipment
ppm = Parts per million
ppt = Parts per trillion
PVC = Polyvinyl Chloride
QSAR = Quantitative Structure-Activity Relationship
REACH = Registration, Evaluation and Authorization of Chemicals (EU, see NCP)
SI = International System of Units
STEL = Short-Term Exposure Limit
tech. = Technical grade
TSCA = Toxic Substances Control Act (US)
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative
WHO = World Health Organization = OMS

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y = Year(s)

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The classification of mixtures and applied evaluation method in accordance with regulation (EC) Nr. 1272/2008 [CLP] has been appointed in section 2.1

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
