

Safety Data Sheet

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

according to Regulation (EU) No 453/2010



Article No.: 1081
Print date: 19.08.2015
Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 1 / 7

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

1.1. Product identifiers

Article No. (manufacturer/supplier): 1081
Identification of the substance or mixture Shampoo

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

Relevant identified uses
for cleaning

Uses advised against

There is no information available for use is discouraged facing.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

4M Trading International B V

Wolkammerstraat 2 A

NL - 8601 VB Sneek

The Netherlands

Telephone: +31 (0) 6 - 38880000

Telefax:

E-mail info@4m-trading.nl

Dept. responsible for information:

E-mail (competent person)

info@4m-trading.nl

1.4. Emergency telephone number

National Poison phone number Information

Centrum (NVIC):

NL +31 30-2748888

UK 1-352-323-3500

Exclusively intended for healthcare professionals in acute poisoning.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Skin Sens. 1 / H317

respiratory or skin sensitisation

May cause an allergic skin reaction.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

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

Hazard pictograms



Warning

Hazard statements

H317

May cause an allergic skin 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.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P272

Contaminated work clothing should not be allowed out of the workplace.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P332 + P313

If skin irritation occurs: Get medical advice/attention.

P362 + P364

Take off contaminated clothing and wash it before reuse.

contains:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H
-isothiazol-3-one [EC no. 220-239-6] (3:1)
1,2-benzisothiazol-3(2H)-one

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

Safety Data Sheet

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

according to Regulation (EU) No 453/2010



Article No.: 1081
Print date: 19.08.2015
Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 2 / 7

SECTION 3: Composition / information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Product description / chemical characterization

Description cleaning preparation based on surfactants

Hazardous ingredients

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

EC No. CAS No. INDEX No.	REACH No. Chemical name classification:	Wt % Remark
500-234-8 68891-38-3	01-2119488639-16 Alcohols, C12-14, ethoxylated, sulfates, sodium salts Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Aquatic Chronic 3 H412	2,5 - 5
220-120-9 2634-33-5 613-088-00-6	1,2-benzisothiazol-3(2H)-one Acute Tox. 4 H302 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Skin Sens. 1 H317 / Aquatic Acute 1 H400	< 0,5
55965-84-9 613-167-00-5	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3 H331 / Acute Tox. 3 H311 / Acute Tox. 3 H301 / Skin Corr. 1B H314 / Skin Sens. 1 H317 / Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	< 0,5

Additional information

Full text of classification: see section 16

Hazardous ingredients

Labelling for contents according to regulation (EC) No. 648/2004:

Wt %	Ingredient (Designation)
< 5 %	non-ionic surfactants
5 - 15 %	anionic surfactants
	perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

Following skin contact

Remove contaminated, saturated clothing immediately. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Keep victim calm. Do NOT induce vomiting. Call a physician immediately. If medical advice is needed, have product container or label at hand.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No data available

Safety Data Sheet

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Article No.: 1081
Print date: 19.08.2015
Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 3 / 7

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media
Non-combustible liquids
- 5.2. Special hazards arising from the substance or mixture
Non-combustible liquids
- 5.3. Special protective equipment for firefighters:
Wear suitable protective clothing.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
Use personal protection equipment. Do not breathe vapours. See protective measures under point 7 and 8.
- 6.2. Environmental precautions
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3. Methods and material for containment and cleaning up
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.
- 6.4. Reference to other sections
Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Advices on safe handling
Precautions against fire and explosion:
Non-combustible liquids
- 7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.
Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
- 7.3. Specific end use(s)
Observe technical data sheet. Observe instructions for use, Notice the directions for use on the label.

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
Occupational exposure limit values:

INDEX No. not applicable / CAS No.
- 8.2. Exposure controls
Provide good ventilation. This can be achieved with local or room suction.
Occupational exposure controls
Respiratory protection
Usually no personal respirative protection necessary.
Hand protection

Safety Data Sheet

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

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Article No.: 1081
Print date: 19.08.2015
Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 4 / 7

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber) / NBR (Nitrile rubber) Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin: Recommended glove articles DIN EN 374 Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear protective gloves and protective clothing.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state liquid
Colour refer to label
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	> 100 °C	DIN 53213	
Density at 20 °C:	1,03 g/cm ³		
Water solubility (g/L):	completely miscible		
pH at °C:20	8,00		
Viscosity at °C:20	280 mPa·s		

9.2. Other information:

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Materials to avoid

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

none

SECTION 11: Toxicological information

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

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

1,2-benzisothiazol-3(2H)-one

oral, LD50, Rat: 1193 mg/kg

dermal, LD50, Rat: 4115 mg/kg

skin corrosion/irritation; Serious eye damage/eye irritation

1,2-benzisothiazol-3(2H)-one

Safety Data Sheet

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

according to Regulation (EU) No 453/2010



Article No.: 1081
Print date: 19.08.2015
Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 5 / 7

Skin (4 h)
Respiratory or skin sensitisation
1,2-benzisothiazol-3(2H)-one
Skin:
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Toxicological data are not available.
Specific target organ toxicity
Toxicological data are not available.
Aspiration hazard
Toxicological data are not available.
Practical experience/human evidence
Other observations:
No known symptoms to date. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.
Overall Assessment on CMR properties
The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.
Remark
There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation
Classification according to Regulation (EC) No. 1272/2008 [CLP]
There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.

12.1. Toxicity

1,2-benzisothiazol-3(2H)-one
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 2,18 mg/L (96 h)
Method: OECD 203
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 2,94 mg/L (48 h)
Method: OECD 202
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 0,11 mg/L (72 h)
Method: OECD 201

Long-term Ecotoxicity
Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.
Bioconcentration factor (BCF)
Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product
Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste

Safety Data Sheet

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

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Article No.: 1081
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Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 6 / 7

disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC
200129 detergents containing dangerous substances

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)

tunnel restriction code

Sea transport (IMDG)

EmS-No.

not applicable

Additional information:

Not sustaining combustion:

0

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No. 648/2004 (Detergents regulation)

Biocide directive (98/8/EC)

biocide, active substance

1,2-benzisothiazol-3(2H)-one

0,189 g/kg

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC
no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no.
220-239-6] (3:1)

0,045 g/kg

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2:

84

VOC-value (in g/L) ASTM D 2369:

138

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

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Version: 3-0

Shampoo
Revision date: 17.06.2015
Issue date: 17.06.2015

110000 EN
Page 7 / 7

Other information

Acid-/Alkali reserve (buffer capacity for mixtures with extreme pH values)

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Full text of classification in section 3:

Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Skin Sens. 1 / H317	respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic life.
Acute Tox. 3 / H331	Acute toxicity (inhalative)	Toxic if inhaled.
Acute Tox. 3 / H311	Acute toxicity (dermal)	Toxic in contact with skin.
Acute Tox. 3 / H301	Acute toxicity (oral)	Toxic if swallowed.
Skin Corr. 1B / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Aquatic Chronic 1 / H410	Hazardous to the aquatic environment	Very toxic to aquatic life with long lasting effects.

Additional information

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

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.