



## Safety Data Sheet

### Aquagum 018/DF

Safety Data Sheet dated 13/7/2015, version 2

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Mixture identification:  
Trade name : Aquagum 018/DF  
N° index 67/548/EEC: not applicable  
REACH number: not applicable

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

Recommended use:  
Brush adhesive  
Uses advised against:  
Any use other than recommended.

##### 1.3. Details of the supplier of the safety data sheet

Producer:  
FRABO ADESIVI spa - via Garibaldi 76/78 - 20061 Carugate - Milan - ITALY  
Tel. +39 02 9253631 - Fax +39 02 9252357  
Company with certified Quality Sistem UNI EN ISO 9001/2008  
Competent person responsible for the safety data sheet:  
Paolo Cancelli (cancelli.laboratorio@frabo.it)

##### 1.4. Emergency telephone number

FRABO ADESIVI spa - Tel. (+39) 02 9253631 ( 8h00 - 12h00 // 13h30 - 17h00 )

#### 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).

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Contents:

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one: May produce an allergic reaction.

2-Metil-2H-isotiazol-3-one: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

Only industrial and professional use

None

##### 2.3. Other hazards

No other adverse effect at the time known.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Substances

N.A.

vPvB Substances: None - PBT Substances: None

##### 3.2. Mixtures

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

$\geq 0.01\%$  -  $< 0.1\%$  2-Metil-2H-isotiazol-3-one

CAS: 2682-20-4, EC: 220-239-6

3.1/3/Dermal Acute Tox. 3 H311





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3.1/3/Oral Acute Tox. 3 H301  
3.2/1B Skin Corr. 1B H314  
3.8/3 STOT SE 3 H335  
3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317  
4.1/A1 Aquatic Acute 1 H400

>= 0.01% - < 0.1% 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one  
Index number: 613-088-00-6, CAS: 2634-33-5, EC: 220-120-9

3.1/4/Oral Acute Tox. 4 H302  
4.1/C2 Aquatic Chronic 2 H411  
3.2/2 Skin Irrit. 2 H315  
3.3/1 Eye Dam. 1 H318  
3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317  
4.1/A1 Aquatic Acute 1 H400

Full text of risk phrases "H" are indicated in the paragraph 16.

#### 4. FIRST AID MEASURES

##### 4.1. Description of first aid measures

In case of skin contact:

N.A.

Wash with plenty of water and soap.

In case of eyes contact:

N.A.

In case of Ingestion:

N.A.

In case of Inhalation:

N.A.

Remove casualty to fresh air and keep warm and at rest.

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

No known symptoms to date.

Refer to the individual substances, see item 11.1 (Information on toxicological effects).

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

Treatment:

Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

In case of fire, use CO<sub>2</sub>.

Extinguishing media which must not be used for safety reasons:

None in particular, is not advisable to utilize water jets to put out the fire.

##### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

##### 5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

#### 6. ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.



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See protective measures under point 7 and 8.

#### 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.

#### 6.4. Reference to other sections

See also section 8 and 13

## 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

#### 7.2. Conditions for safe storage, including any incompatibilities

To shelter from the cold, avoid the storage at temperature lower to 10°C and upper to 30°C

Keep away from food, drink and feed.

Incompatible materials:

None in particular. See, too, paragraph 10 below.

Instructions as regards storage premises:

Adequately ventilated premises.

#### 7.3. Specific end use(s)

Brush adhesive

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

#### 8.2. Exposure controls

Keep in mind that as first responders must always be preferred to institutional technical solutions to control exposure.

Below are details for the control of individual exposure.

Not needed for normal use.

Eye protection:

Use close fitting safety goggles and/or visor conforming to EN166.

Protection for skin:

Not essential for normal use. For prolonged use wear work clothes with long sleeves and safety shoes for professional use of Category II (ref. Directive 89/868/CEE and standard EN 344). Wash with soap and water after removing protective clothing.

Protection for hands:

Not required for normal use. For prolonged use suitable protective gloves (eg Butyl Rubber IIR, > 0.5 mm, time of occurrence of > = 480 min, or nitrile rubber or neoprene or PVC) (Dir.89/686/CEE and standard EN 374)

Respiratory protection:

Not needed for normal use.

In the absence of aspiration system to ensure concentrations of vapors below the exposure limit values (TLV-TWA, TLV STEEL), respiratory protection is required, such as a mask with cartridge filter (combination A2-P2) (ref. standard EN 141). In extreme cases, use suitable breathing apparatus (ref. standard EN 137 or EN 138)

Appropriate engineering controls:

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

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Properties	Value	Method:	Notes:
Appearance and colour:	Liquid white	--	--
Odour:	Characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	9 ± 1 a 20°C	--	--
Melting point / freezing point:	about 0 °C	--	--
Boiling point:	about 100 °C	--	--
Flash point:	Non flammable °C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:		--	--
Lower/Upper flammability or explosive limits:	N.A.	--	--
Vapour pressure:		--	--
Vapour density:	> 1,0 (rif. air = 1,0) Kg/m <sup>3</sup>	--	--
Relative density:	1,03 ± 0,05 Kg/dm <sup>3</sup>	--	--
Solubility in water:	partial	--	--
Solubility in oil:		--	--
Partition coefficient (n-octanol/water):		--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	see data sheet	--	--
Explosive properties:		--	--
Oxidizing properties:	N.A.	--	--

## 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--



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Substance Groups relevant properties	N.A.	--	--
C.O.V. contained :	13 % ± 2,0		

#### 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  
Temperature up to 200°C.
- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

#### 11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects  
Toxicological information of the mixture:  
N.A.  
Toxicological information of the main substances found in the mixture:  
N.A.  
If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:
  - a) acute toxicity;
  - b) skin corrosion/irritation;
  - c) serious eye damage/irritation;
  - d) respiratory or skin sensitisation;
  - e) germ cell mutagenicity;
  - f) carcinogenicity;
  - g) reproductive toxicity;
  - h) STOT-single exposure;
  - i) STOT-repeated exposure;
  - j) aspiration hazard.

#### 12. ECOLOGICAL INFORMATION

- 12.1. Toxicity  
Adopt sound working practices, so that the product is not released into the environment. Refer to point 6.2.  
There are no eco-toxicological data on the preparation as such. The concentration of each substance should be borne in mind in assessing the eco-toxicological effects deriving from the preparation on the environment  
List of other contained substance not classified as dangerous for environment :  
N.A.
- 12.2. Persistence and degradability  
N.A.
- 12.3. Bioaccumulative potential  
N.A.
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
No other known effects

#### 13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods



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Recover if possible.

The preparation to be disposed-of and its container, if polluted, has to be considered as SPECIAL WASTE. Consign to authorized draining plants by authorized carriers. The waste code in accordance with European waste catalogue cannot be specified as it depends on utilization.

Comply with the local and national regulations currently in force.

Council Directive : 91/156/CEE, 94/62/CE, 2008/98/CE

#### 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

ADR/RID/ADN

Class ADR/RID :

UN number : --

IMDG Code

Class IMO :

UN number : --

ICAO T.I./IATA

Class IATA :

UN number : --

#### SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

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) 2015/830

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)

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:

Restriction 40

Restrictions related to the substances contained:

No restriction.

When applicable refers to the following regulations.

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC (Seveso), 96/82/EC (Seveso II):

N.A.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### SECTION 16: Other information

Text of phrases referred to under heading 3:

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

H315 Causes skin irritation.

H318 Causes serious eye damage.

Paragraphs modified from the previous revision:

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2. HAZARDS IDENTIFICATION
  3. COMPOSITION/INFORMATION ON INGREDIENTS
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  5. FIRE-FIGHTING MEASURES
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  12. ECOLOGICAL INFORMATION
  13. DISPOSAL CONSIDERATIONS
  14. TRANSPORT INFORMATION
- SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

- NIOSH - Registry of toxic effects of chemical substances (1983)
- I.N.R.S. - Fiche Toxicologique
- CCNL - Appendix 1 "TLV for 1989-90"

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.

According to Reg. (UE) 2015/830