

Safety data sheet  
according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**SECTION 1: Identification of the substance/mixture and of the company/  
undertaking****1.1 Product identifier****Trade name: Bioclean Defoamer****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture** Defoamers, Anti-foaming agent**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

JetCleaning B.V.  
Sigarenmaker 2  
5521 DJ Eersel  
Nederland  
T. +31 (0)497 33 00 32  
info@jet-cleaning.com  
www.jet-cleaning.com

BioClean, a brand of Apex International  
www.apex-groupofcompanies.com

**Further information obtainable from:**

T. +31 (0)497 33 00 32  
safety@jet-cleaning.com

**1.4 Emergency telephone number:**

24-hour-Emergency-Telephone-Number (Company/Contract ID code: "CBG")  
outside USA/Canada: + 49 - 700 - 24 112 112 (CBG)  
inside USA/Canada: 011 - 49 - 700 - 24 112 112 (CBG)

**National Poison Centre**

België (Belgique) Centre Antipoisons-Antigifcentrum 070 245 245  
Česká Republika (Czech Republic) Toxikologické informační středisko 0 22 49 192 93  
Danmark (Denmark) Poison Information Center 0 82 12 12 12  
Deutschland (Germany) Clinical Toxicology and Berlin Poison Information Centre 0 30 192 40  
España (Spain) Servicio de Información Toxicológica 091 562 04 20  
France Centre antipoison et de toxicovigilance de Paris 01 40 05 48 48  
Ireland Poisons Information Centre of Ireland 01 809 2166  
Italia (Italy) Centro Antiveleni Rome 06 499 70 698  
Lietuvia (Lithuania) Environmental Protection Agency 370 70662008  
Luxembourg Centre Antipoison 8002 5500  
Magyarország (Hungary) Health Toxicological Information Service 080 20 11 99  
Nederland Nationaal Vergiften Informatie Centrum 0 30 274 88 88 (Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen)  
Norge (Norway) Department for Poisons Information 022 59 13 00  
Österreich (Austria) Vergiftungsinformationszentrale 01 406 43 43  
Polska (Poland) Centrum Toksykologii 022 619 66 54  
Portugal Centro de Informação Antivenenos 021 330 3284  
România (Romania) Spitalul de Urgenta Floreasca 021 230 8000  
Slovenská republika (Slovakia) National Toxicological Information Center 02 54 774 166  
Schweiz (Swiss) Toxicological Information Centre 0 44 251 51 51  
Sverige (Sweden) Giftinformationscentralen (Swedish Poisons Information Centre) 08 33 12 31  
Suomi (Finland) Nödnummer Myrkytystietokeskus 09-471977  
United Kingdom National Poison Centre – Poison Information Service 111  
24/7 : +31 (0) 167 537 011

**National Poison Centre**

België (Belgique) Centre Antipoisons-Antigifcentrum 070 245 245  
Česká Republika (Czech Republic) Toxikologické informační středisko 0 22 49 192 93  
Danmark (Denmark) Poison Information Center 0 82 12 12 12

(Contd. on page 2)

EU

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 1)

Deutschland (Germany) Clinical Toxicology and Berlin Poison Information Centre 0 30 192 40  
 España (Spain) Servicio de Información Toxicológica 091 562 04 20  
 France Centre antipoison et de toxicovigilance de Paris 01 40 05 48 48  
 Ireland Poisons Information Centre of Ireland 01 809 2166  
 Italia (Italy) Centro Antiveleni Rome 06 499 70 698  
 Lietuvia (Lithuania) Environmental Protection Agency 370 70662008  
 Luxembourg Centre Antipoison 8002 5500  
 Magyarország (Hungary) Health Toxicological Information Service 080 20 11 99  
 Nederland Nationaal Vergiften Informatie Centrum 0 30 274 88 88 (Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen)  
 Norge (Norway) Department for Poisons Information 022 59 13 00  
 Österreich (Austria) Vergiftungsinformationszentrale 01 406 43 43  
 Polska (Poland) Centrum Toksykologii 022 619 66 54  
 Portugal Centro de Informação Antivenenos 021 330 3284  
 România (Romania) Spitalul de Urgenta Floreasca 021 230 8000  
 Slovenská republika (Slovakia) National Toxicological Information Center 02 54 774 166  
 Schweiz (Swiss) Toxicological Information Centre 0 44 251 51 51  
 Sverige (Sweden) Giftinformationscentralen (Swedish Poisons Information Centre) 08 33 12 31  
 Suomi (Finland) Nødnummer Myrkytystietokeskus 09-471977  
 United Kingdom National Poison Centre – Poison Information Service 111

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

The substance is not classified, according to the CLP regulation.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### CAS No. Description

Ontschuimer op basis van copolymeren

Consisting of: 55965-84-9 METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE (0.001%)

#### Identification number(s)

**EC number:** -

**Index number:** -

EU

(Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 2)

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information:

Immediately remove any clothing soiled by the product.  
No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

##### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

#### 6.2 Environmental precautions:

Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### 6.4 Reference to other sections

No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

No special measures required.  
When diluting always pour product into water and not vice versa.  
**Information about fire - and explosion protection:** No special measures required.

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

##### Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.  
**Information about storage in one common storage facility:** Not required.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 3)

### Further information about storage conditions:

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

**Storage class:** 12

**7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**
**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves**


The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Suitability (penetration time, material thickness) for a specific workplace should be discussed with the manufacturer of the protective gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**
**Physical state**

Fluid

**Colour:**

White

**Odour:**

Undistinguishable.

**Odour threshold:**

Not determined.

**Melting point/freezing point:**

Undetermined.

**Boiling point or initial boiling point and boiling range**

Undetermined.

**Flammability**

Not applicable.

**Lower and upper explosion limit**
**Lower:**

Not determined.

**Upper:**

Not determined.

**Flash point (CCMP):**

Not applicable.

(Contd. on page 5)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 4)

<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>pH-value 50% v/v:</b>	
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>Viscositeit (uitloopbeker)</b>	
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Fully miscible.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.

<b>9.2 Other information</b>	Product compositional ranges are shown for health, safety and environmental use and are not intended to form any part of a specification.
<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

(Contd. on page 6)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 5)

### 10.2 Chemical stability

#### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials:

No further relevant information available.

### 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

## SECTION 11: Toxicological information

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

Substance is not listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

#### Additional ecological information:

#### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation** Smaller quantities can be disposed of with household waste.

(Contd. on page 7)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 6)

### European waste catalogue

The EC waste catalog number (EAC) can only be determined after the type of use by the end-user is known for this product.

### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA      Void

### 14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA      Void

### 14.3 Transport hazard class(es)

ADR/RID/ADN, IMDG, IATA

Class      Void

ADN/R Class:      Void

-

### 14.4 Packing group

ADR/RID/ADN, IMDG, IATA      Void

### 14.5 Environmental hazards:

Marine pollutant:      No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

### UN "Model Regulation":

Void

## SECTION 15: Regulatory information

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

Directive 2012/18/EU

**Named dangerous substances - ANNEX I** Substance is not listed.

### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

Substance is not listed.

### 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is exclusively meant for industrial/professional use.

**Department issuing SDS:** Product safety department.

**Contact:** N. Gerrits

(Contd. on page 8)

Safety data sheet  
according to 1907/2006/EC, Article 31

Printing date 19.01.2021

Version number 7

Revision: 19.01.2021

**Trade name: Bioclean Defoamer**

(Contd. of page 7)

**Date of previous version:** 12.01.2021**Version number of previous version:** 6**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

**Sources**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No.1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet.

\* **Data compared to the previous version altered.**

EU