

# Safety Data Sheet

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



Trade name : R-Clean Cetamet W 15  
Revision date : 22-09-2015  
Print date : 13-06-2016

Version (Revision) : 6

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

### 1.1 Product identifier

R-Clean Cetamet W 15

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

**Relevant identified uses**

Washing and cleaning products (including solvent based products)

**Uses advised against**

This product should not be used for purposes other than the applications referred to above.

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

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

Qlean-tec BV

**Street :** Rendementsweg 24

**Postal code/city :** 3641 SL Mijdrecht

**Telephone :** +31 (0)297-274390

**Telefax :** +31 (0)297-272442

**Information contact :** Hr. F. Peul

**Website :** www.qleantec.com

**E-mail (competent person) :** marketing@qleantec.com

### 1.4 Emergency telephone number

Qlean-tec: (0) 297 274390 (08:00 – 17:00)

Nederland: NVIC (0)30 - 274 88 88

Belgie: Antigifcentrum 070 – 245 245

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

### 2.2 Label elements

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

**Hazard pictograms**



Corrosion (GHS05)

**Signal word**

Danger

**Hazard components for labelling**

NATRIUMMETASILIKAAT ; CAS No. : 10213-79-3

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

# Safety Data Sheet

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**Revision date :** 22-09-2015  
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**Version (Revision) :** 6

P310 Immediately call a POISON CENTER or doctor.  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

### 2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

### 2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

BUTYL CELLOSOLVE ; REACH registration No. : 01-2119475108-36 ; EC No. : 203-905-0; CAS No. : 111-76-2

Weight fraction :  $\geq 2,5 - < 10 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

NATRIUMMETASILIKAAT ; REACH registration No. : 01-2119449811-37 ; CAS No. : 10213-79-3

Weight fraction :  $\geq 1 - < 2,5 \%$

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 STOT SE 3 ; H335

ALKYLBENZENESULFONATE, SODIUM-SALT ; REACH registration No. : 01-2119489428-22 ; EC No. : 246-680-4; CAS No. : 25155-30-0

Weight fraction :  $\geq 1 - < 2,5 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### Following inhalation

No special measures are necessary.

#### In case of skin contact

Wash immediately with: Water and soap Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Call a physician in any case! Do NOT induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

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

The following symptoms may occur: No known symptoms to date. Repeated exposure may cause skin dryness or cracking.

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

None

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Trade name : R-Clean Cetamet W 15  
Revision date : 22-09-2015  
Print date : 13-06-2016

Version (Revision) : 6

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

None

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

None

### 5.3 Advice for firefighters

None

### 5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

##### Protective equipment

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

##### Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas. 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

#### For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Suitable material for taking up: Sand Absorbing material, organic

### 6.4 Reference to other sections

See protective measures under point 7 and 8.

## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

None

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

#### Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel Polyethylene (PE)  
Unsuitable container/equipment material: Butyl caoutchouc (butyl rubber)

#### Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 8B

### 7.3 Specific end use(s)

# Safety Data Sheet

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



Trade name : R-Clean Cetamet W 15  
Revision date : 22-09-2015  
Print date : 13-06-2016

Version (Revision) : 6

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

BUTYL CELLOSOLVE ; CAS No. : 111-76-2

Limit value type (country of origin) : TRGS 900 ( D )

Limit value : 20 ppm / 98 mg/m<sup>3</sup>

Peak limitation : 4(II)

Remark : H,Y

Version : 02-04-2014

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

Limit value : 50 ppm / 246 mg/m<sup>3</sup>

Remark : H

Version : 08-06-2000

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

Limit value : 20 ppm / 98 mg/m<sup>3</sup>

Remark : H

Version : 08-06-2000

#### Biological limit values

BUTYL CELLOSOLVE ; CAS No. : 111-76-2

Limit value type (country of origin) : TRGS 903 ( D )

Parameter : Butoxy acetic acid / Urine (U) / At long term exposure: after several previous shifts

Limit value : 100 mg/l

Version : 31-03-2004

### 8.2 Exposure controls

#### Personal protection equipment



#### Eye/face protection

Eye glasses with side protection

#### Skin protection

Hand protection Suitable gloves type DIN EN 374 Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) Required properties liquid-tight. Breakthrough time (maximum wearing time) : > 480 min Thickness of the glove material Nitril: 0,12 mm Butyl: 0,50 mm

#### General health and safety measures

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

#### Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Colour : light yellow

Odour : characteristic

#### Safety relevant basis data

Physical state : liquid

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



Trade name : R-Clean Cetamet W 15  
Revision date : 22-09-2015  
Print date : 13-06-2016

Version (Revision) : 6

<b>Melting point/melting range :</b>			No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	>	100 °C
<b>Decomposition temperature :</b>		>	200 °C
<b>Freezing point :</b>			No data available
<b>Flash point :</b>			not applicable
<b>Auto-ignition temperature :</b>		>	250 °C
<b>Lower explosion limit :</b>			not applicable
<b>Upper explosion limit :</b>			not applicable
<b>Vapour Pressure :</b>	( 20 °C )		No data available
<b>Evaporation rate (n-butylacetate = 1) :</b>			No data available
<b>Density :</b>	( 20 °C )	ca.	1,05 g/cm <sup>3</sup>
<b>Water solubility :</b>	( 20 °C )		100 Wt %
<b>pH :</b>			13
<b>Partition coefficient (n-octanol/water) :</b>		<	3
<b>Viscosity :</b>	( 20 °C )	<	10 mPa.s
<b>Vapour density (air = 1) :</b>	( 101 kPa )		No data available

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

not applicable

### 10.2 Chemical stability

Stable under normal conditions of use

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Strong oxidizers

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter :	LD50 ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )
Exposure route :	Oral
Species :	Rat
Effective dose :	1480 mg/kg
Parameter :	LD50 ( ALKYL BENZENESULFONATE, SODIUM-SALT ; CAS No. : 25155-30-0 )
Exposure route :	Oral
Species :	Rat
Effective dose :	300 - 2000 mg/kg

##### Acute inhalation toxicity

Parameter :	LC50 ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )
Exposure route :	Inhalation
Species :	Rat

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



Trade name : R-Clean Cetamet W 15  
Revision date : 22-09-2015  
Print date : 13-06-2016

Version (Revision) : 6

Effective dose : 500 ppm  
Parameter : LC50 ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )  
Exposure route : Inhalation  
Species : Mouse  
Effective dose : 700 ppm

## Irritant and corrosive effects

### Primary irritation to the skin

Irritant.

### Irritation to eyes

Irritant.

### Irritation to respiratory tract

No data available

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

### Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

### Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

### Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

## STOT-single exposure

not applicable

## STOT-repeated exposure

Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6 Other adverse effects

None

### 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

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Trade name : R-Clean Cetamet W 15  
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Print date : 13-06-2016

Version (Revision) : 6

## 14.1 UN number

No dangerous goods in sense of this transport regulation.

## 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

## 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

## 14.4 Packing group

No dangerous goods in sense of this transport regulation.

## 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

## 14.6 Special precautions for user

None

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 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

##### Other regulations (EU)

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

phosphates 5 - < 15 %

anionic surfactants < 5 %

#### National regulations

##### Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

##### Other regulations, restrictions and prohibition regulations

##### Betriebsicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

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

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road

ASTM = American Society of Testing and Materials (US)

CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)

DNEL = Derived No-Effect Level

DT50 = Time for 50% loss; half-life

EbC50 = Median effective concentration (biomass, e.g. of algae)

EC50 = Median effective concentration

EINECS = European Inventory of Existing Commercial Chemical Substances

ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)

ErC50 = Median effective concentration (growth rate, e.g. of algae)

EWC = European Waste Catalogue

IATA = International Air Transport Association

IC50 = Concentration that produces 50% inhibition

IMDG = International Maritime Dangerous Goods Code

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**Version (Revision) :** 6

IMO = International Maritime Organization  
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  
MRL = Maximum Residue Limit  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
OEL = Occupational Exposure Limits  
PBT = Persistent, Bioaccumulative or Toxic  
PNEC = Previsible Non Effect Concentration  
STEL = Short-Term Exposure Limit  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

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

H302	Harmful if swallowed.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### 16.6 Training advice

None

### 16.7 Additional information

**Article No.:** 500001226994

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.