



# Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date 17.05.2020

Version number 3

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

### 1.1 Product Identifier:

Trade name: **OXIFLOW C.9**

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

**Product category:** PC35 Washing and cleaning products (including solvent based products)

**Application of the substance / the mixture:** Professional use only

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

#### Manufacturer / Importer / Supplier:

Hygeniq  
Postbus 618  
7500 AP Enschede  
The Netherlands  
Tel.: +31 53 4282860  
Fax: +31 53 5393865  
Email: info@hygeniq.com  
www.hygeniq.com

**Further information obtainable from:** Product safety department.

### 1.4 Emergency telephone number:

Only for DOCTORS / FIRE BRIGADE / POLICE:

NL-Phone: +31 53 4282860 (During office hours)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No 1272/2008:** The product 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

#### Additional information:

EUH210 Safety data sheet available on request.

### 2.3 Other hazards:

#### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures:

**Description:** Mixture of substances listed below, possibly with non-hazardous additions.

#### Components:

CAS: 506-89-8 EINECS: 208-059-8	Urea Hydrochloride ☠ Acute Tox. 3, H301; ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319; STOT SE 3, H335	2.5-10%
CAS: 164462-16-2 ELINCS: 423-270-5 Reg.nr.: 01-0000016977-53	Alanine, N,N-bis(carboxymethyl-), trisodiumsalt ☠ Met. Corr. 1, H290	≤2.5%

**Additional information:** For the wording of the listed hazard phrases See section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

#### General information:

No special measures required.

Take affected persons out of danger area and lay down.

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

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**After skin contact:**

Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering).

If skin irritation continues, consult a doctor.

**After eye contact:**

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

**After ingestion:** Rinse out mouth and then drink plenty of water.

**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:**

Use fire extinguishing methods suitable to surrounding conditions.

All extinguishing media are possible.

**5.2 Special hazards arising from the substance or mixture:** Carbon monoxide can arise from incomplete combustion.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

**6.2 Environmental precautions:** 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:**

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:**

Ensure good ventilation/exhaustion at the workplace.

Do not eat, drink or smoke while working.

Avoid inhalation of vapors and contact with eyes, skin and clothing.

**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 tanks:** Store only in the original receptacle.

**Information about storage in one common storage facility:** Do not store together with alkalis (caustic solutions).

**Further information about storage conditions:**

Store receptacle in fume cupboard.

Packaging that have been opened must be carefully sealed and be stored upright to prevent leakage.

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

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see section 7.

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## 8.1 Control parameters:

### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

## 8.2 Exposure controls

### Personal protective equipment:

#### General protective and hygienic measures:

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

**Respiratory protection:** Not necessary if room is well-ventilated.

#### Protection of hands:

Only use chemical-protective gloves with CE-labelling of category III.

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

#### 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.

#### 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.

**For the permanent contact gloves made of the following materials are suitable:** PVA gloves

**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Fluorocarbon rubber (Viton)

**Eye protection:** Goggles recommended during refilling

**Body protection:** Use protective suit.

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

## SECTION 9: Physical and chemical properties

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

#### General Information:

##### Appearance:

Form:	Liquid.
Colour:	Pink
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: 1-2

#### Change in condition

Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	100 °C

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not self-igniting.

Explosive properties: Product does not present an explosion hazard.

#### Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure at 20 °C: 23 hPa

Density at 20 °C:	1.072 g/cm <sup>3</sup>
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.

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## Solubility in / Miscibility with:

**Water:** Fully miscible.  
**Refraction Index:** 1.3

**Partition coefficient: n-octanol/water:** Not determined.

## Viscosity:

**Dynamic:** Not determined.  
**Kinematic:** Not determined.

## Solvent content:

**Oxidizing properties:** Does not contain oxidizing properties.

**9.2 Other information:** No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Stable under recommended conditions.

Reacts violently with bases.

### 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:** Chlorine

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

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

#### LD/LC50 values relevant for classification:

#### ATE (Acute Toxicity Estimates)

Oral	LD50	11,278 mg/kg
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#### 506-89-8 Urea Hydrochloride

Oral	LD50	1,121 mg/kg (Rat)
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#### Primary irritant effect:

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

#### CMR effects (carcinogenic, mutagenic and reprotoxic):

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

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

**Reprotoxicity:** 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.

## SECTION 12: Ecological information

### 12.1 Toxicity:

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

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

**12.2 Persistence and degradability:** Easily biodegradable

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**12.3 Bioaccumulative potential:** Bioaccumulation is not expected.**12.4 Mobility in soil:** No further relevant information available.**Additional ecological information:****General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects:** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods:****Recommendation:** Smaller quantities can be disposed of with household waste.**Contaminated packaging:****Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN-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

**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 Transport in bulk according to Annex II of Marpol and****the IBC Code:**

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:** None of the ingredients are listed.**National regulations:****Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**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. This shall not constitute a guarantee for any properties of the product and shall not establish a legally valid contractual relationship.

**Relevant phrases:**

H290 May be corrosive to metals.

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H301 Toxic if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Training hints:** Take care of good information, instruction and training for users.

**Department issuing SDS:** Environment protection department.

### Abbreviations and acronyms:

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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

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

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 3: Acute toxicity - oral – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

### References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

**Revisions were made in sections marked with \*.**

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