

# Safety Data Sheet

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



**Trade name :** High Pressure Detergent  
**Revision date :** 13-08-2014  
**Print date :** 26-09-2014

**Version (Revision) :** 2.0.1 (2.0.0)

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

### 1.1 Product identifier

High Pressure Detergent (R861)

### 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)

Americol BV

**Street :** Sluispolderweg 33

**Postal code/city :** 1505 HJ Zaandam

**Telephone :** +31 (0)75-6313244

**Telefax :** +31 (0)75-6313265

**Information contact :** Rene Doornink

**Website :** [www.americol.nl](http://www.americol.nl)

**E-mail (competent person) :** [r.doornink@americol.nl](mailto:r.doornink@americol.nl)

### 1.4 Emergency telephone number

+31 (0)75-6313244 (08:00 - 16:30 h)

## 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. 1A ; H314 - Skin corrosion/irritation : Category 1A ; 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

SODIUM HYDROXIDE ; CAS No. : 1310-73-2

COCODIMETHYLAMINEOXIDE ; CAS No. : 61788-90-7

C8-C16 ALKYL POLYGLUCOSIDE ; CAS No. : 68515-73-1

##### Hazard statements

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H314 Causes severe skin burns and eye damage.

### Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash ... thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER/doctor/...  
P321 Specific treatment (see ... on this label).  
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.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P405 Store locked up.

### 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

SODIUM HYDROXIDE ; EC No. : 215-185-5; CAS No. : 1310-73-2

Weight fraction : 0,5 - 2 %  
Classification 67/548/EEC : C ; R35  
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318

COCODIMETHYLAMINEOXIDE ; EC No. : 263-016-9; CAS No. : 61788-90-7

Weight fraction : 1 - 2,5 %  
Classification 67/548/EEC : N ; R50 Xi ; R41 Xi ; R38  
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Aquatic Acute 1 ; H400

C8-C16 ALKYL POLYGLUCOSIDE ; CAS No. : 68515-73-1

Weight fraction : 1 - 2,5 %  
Classification 67/548/EEC : Xi ; R41  
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318

#### Additional information

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

### 3.3 Components according to regulation (EG) Nr. 648/2004

non-ionic surfactants < 5 %  
anionic surfactants < 5 %

## 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.

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## In case of 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

## 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

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### 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)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment



#### Eye/face protection

Eye glasses with side protection

#### Skin protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. DIN-/EN-Norms DIN EN 374 DIN EN 420 Suitable gloves type NBR (Nitrile rubber) PVA (Polyvinyl alcohol) PVC (Polyvinyl chloride)

#### 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

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**Colour :** light brown

**Odour :** odourless

## Safety relevant basis data

Physical state :			liquid
Melting point/melting range :			not applicable
Boiling temperature/boiling range :	( 1013 hPa )	>	100 °C
Decomposition temperature :			No data available
Freezing point :			No data available
Flash point :			not applicable
Auto-ignition temperature :			No data available
Lower explosion limit :			Vol-%
Upper explosion limit :			Vol-%
Vapour Pressure :	( 20 °C )		No data available
Evaporation rate (n-butylacetate = 1) :			No data available
Density :	( 20 °C )	ca.	1,06 g/cm <sup>3</sup>
Water solubility :	( 20 °C )		100 Wt %
PH value :			13
Partition coefficient (n-octanol/water) :		<	3
Viscosity :	( 20 °C )	<	10 mPa.s
Vapour density (air = 1) :	( 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

#### Irritant and corrosive effects

##### Primary irritation to the skin

Irritant.

##### Irritation to eyes

Irritant.

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### **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/Genotoxicity**

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.

### **Specific target organ toxicity (single exposure)**

not applicable

### **Specific target organ toxicity (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 Further ecological 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**

### **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.

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### 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

#### National regulations

##### Water hazard class (WGK)

Class : nwg (Non-hazardous to water) Classification according to VwVwS

### 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. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

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

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
35	Causes severe burns.
38	Irritating to skin.
41	Risk of serious damage to eyes.
50	Very toxic to aquatic organisms.

### 16.6 Training advice

None

### 16.7 Additional information

**Article No.:** 861

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

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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.

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