

### SAFETY DATA SHEET

# Reload 01 Sanitiser Degreaser

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

### 1.1. Product identifier

Trade name

Reload 01 Sanitiser Degreaser

Product no.

**REAQUATRIG** 

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

Relevant identified uses of the substance or mixture

Hard Surface Cleaner Sanitiser Restricted to professional users.

Uses advised against

None known.

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

# Company and address

### Kitchenmaster NI Ltd

11 Comber Road, BT8 8AN Belfast

United Kingdom

028 9081477 02890812881

sales@kitchenmaster-ni.com

# E-mail

sales@kitchenmaster-ni.com

Revision

24/04/2024

**SDS Version** 

1.0

# 1.4. Emergency telephone number

In an emergency call 999 (24 h service). Otherwise contact your general practitioner (GP).

GP Out-of-Hours phone numbers (weekdays 6 pm - 8 am; Saturday, Sundays and holidays 24 h) are:

Belfast HSC Trust: (North & West) 028 9074 4447; (South & East) 028 9079 6220

Dalriada Urgent Care (Northern Trust area): 028 2566 3500

South Eastern HSC Trust: (North Down & Ards) 028 9182 2344: (Lisburn & Downpatrick) 028 9260 2204

Southern HSC Trust: 028 3839 9201 Western Urgent Care: 028 7186 5195

See section 4 "First aid measures".

Emergency contact number (Kitchenmaster): +44 (0)28 9081 4777 (8.30am - 5pm, Monday - Thursday; 8.30am - 4pm Friday)

# SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

## 2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Skin Corr. 1B; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

# 2.2. Label elements

Hazard pictogram(s)





# Signal word

Danger

### Hazard statement(s)

May be corrosive to metals. (H290)

Causes severe skin burns and eye damage. (H314)

Harmful to aquatic life with long lasting effects. (H412)

# Precautionary statement(s)

General

### Prevention

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves/protective clothing. (P280)

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

#### Storage

Store in a container with a resistant inner liner. (P406)

#### Disposal

Dispose of contents/container in accordance with local regulation (P501)

#### Hazardous substances

Alcohols, C12-13, branched and linear, ethoxylated

sodium hydroxide; caustic soda

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Benzyl-C12-14-alkyldimethylammonium chlorides

### Additional labelling

Not applicable.

### Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- · Amphoteric surfactants
- · Cationic surfactants
- · Non-ionic surfactants

### 2.3. Other hazards

# Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

# SECTION 3: Composition/information on ingredients

# 3.1. Substances

Not applicable. This product is a mixture.

## 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols, C12-13, branched and linear, ethoxylated	CAS No.: 160901-19-9 EC No.: 500-457-0 REACH: Index No.:	3-5%	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX	1-3%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %)	



	Index No.: 011-002-00-6		Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 (SCL: 2.00 %) Eye Irrit. 2, H319 (SCL: 0.50 %)
1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N- dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	CAS No.: 97862-59-4 EC No.: 931-296-8 REACH: 01-2119488533-30-XXXX Index No.:	1-3%	Eye Dam. 1, H318 Aquatic Chronic 3, H412
Benzyl-C12-14- alkyldimethylammonium ahlorides	CAS No.: 85409-22-9 EC No.: 939-350-2 REACH: 01-2119970550-39-XXXX Index No.:	1-3%	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

### SECTION 4: First aid measures

### 4.1. Description of first aid measures

### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

# Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

### Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

## Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

# Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

### Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.



## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

# 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Some metal oxides

## 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

# 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

## 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

# SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

# 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Store in a container with a resistant inner liner.

# Recommended storage material

Always store in containers of the same material as the original container.

# Storage temperature

No specific requirements

## Incompatible materials

Metals

Metal salts.

Acids

Organic material

Strong oxidising agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.



# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

sodium hydroxide;caustic soda

Short term exposure limit (15 minutes) (mg/m³): 2

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### DNEL

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	12.5 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	13.04 mg/m³
Long term – Systemic effects - Workers	Inhalation	44 mg/m³
Long term – Systemic effects - General population	Oral	7.5 mg/kg bw/day

# Benzyl-C12-14-alkyldimethylammonium chlorides

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	3.1 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	3.06 mg/m³

### **PNEC**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

5415		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		13.5 μg/L
Freshwater sediment		11.1 mg/kg
Marine water		1.35 μg/L
Marine water sediment		1.11 mg/kg
Sewage treatment plant		3 g/L
Soil		850 μg/kg

# Benzyl-C12-14-alkyldimethylammonium chlorides

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		120-420 ng/L
Freshwater sediment		31.9-68 mg/kg
Intermittent release (freshwater)		160 ng/L
Intermittent release (marine water)		16-207 ng/L
Marine water		12-96 ng/L
Marine water sediment		3.19-15.75 mg/kg
Sewage treatment plant		160 μg/L
Soil		1.66-6.38 mg/kg

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

**Exposure scenarios** 



There are no exposure scenarios implemented for this product.

### **Exposure limits**

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

# Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

# Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

<b>Work situation</b>	Туре	Class	Colour	Standards	
Where risk assessment shows air-purifying respirators are appropriate.	Combination filter ABEK-P2	Class 1/2	Brown/Gray/Yellow /Green/White	EN14387	

### Skin protection

Work situation	Recommended	Type/Category	Standards	
In the event of a risk of splashing.	Chemical resistant clothing and shoes EN 943		EN 943	P



### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Butyl	0,35	> 480	EN374-2, EN374-3, EN388	



# Eye protection

Туре	Standards
Safety glasses with side shields.	EN166



# SECTION 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear, Pink

Odour / Odour threshold

Characteristic

рН

>13

Density (g/cm³)

1.05-1.07 (20 °C)



## Kinematic viscosity

No information available as testing has not been completed.

### Particle characteristics

Does not apply to liquids.

### Phase changes

### Melting point/Freezing point (°C)

No information available as testing has not been completed.

### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

### Boiling point (°C)

No information available as testing has not been completed.

#### Vapour pressure

Testing not relevant or not possible due to the nature of the product.

### Relative vapour density

Testing not relevant or not possible due to the nature of the product.

# Decomposition temperature (°C)

No information available as testing has not been completed.

## Data on fire and explosion hazards

### Flash point (°C)

Testing not relevant or not possible due to nature of the product.

### Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

# Auto-ignition temperature (°C)

No information available as testing has not been completed.

### Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

## Solubility

## Solubility in water

Soluble

# n-octanol/water coefficient (LogKow)

Testing not relevant or not possible due to the nature of the product.

# Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

# 9.2. Other information

# Other physical and chemical parameters

No data available.

# Oxidizing properties

Testing not relevant or not possible due to nature of the product.

# SECTION 10: Stability and reactivity

# 10.1. Reactivity

No data available.

# 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

## 10.3. Possibility of hazardous reactions

None known.

# 10.4. Conditions to avoid

None known.

# 10.5. Incompatible materials

Metals

Metal salts.

Acids

Organic material

Strong oxidising agents.

### 10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.



## **SECTION 11: Toxicological information**

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

We have not carried out any animal testing for this product. Any ATE figures quoted below are from toxicity classifications that have been carried out using ATE (Acute Toxicity Estimate) calculation method, using LD50 or ATE figures provided by the raw material manufacturer.

Acute toxicity

Product/substance Alcohols, C12-13, branched and linear, ethoxylated

Species: Rat Test: LD50

Result: >300-2000 mg/kg

Product/substance Alcohols, C12-13, branched and linear, ethoxylated

Species: Rabbit
Route of exposure: Dermal
Result: >2000 mg/kg

Product/substance sodium hydroxide; caustic soda

Species: Rat
Route of exposure: Oral
Test: LD50
Result: >2000 mg/kg

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs.,

hydroxides, inner salts

Species: Rat
Route of exposure: Oral
Test: LD50
Result: 2335 mg/kg

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs.,

hydroxides, inner salts

Species: Rat
Route of exposure: Dermal
Test: LD50
Result: >2000 mg/kg

# Skin corrosion/irritation

Causes severe skin burns and eye damage.

# Serious eye damage/irritation

Causes serious eye damage.

# Respiratory sensitisation

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

# 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

# Long term effects



Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

# Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

# Other information

None known.

### **SECTION 12: Ecological information**

## 12.1. Toxicity

We have not carried out any animal testing for this product. Any ATE figures quoted below are from toxicity classifications that have been carried out using ATE (Acute Toxicity Estimate) calculation method, using LD50 or ATE figures provided by the raw material manufacturer.

Product/substance Alcohols, C12-13, branched and linear, ethoxylated

Species: Daphnia, Daphnia magna

 Duration:
 48 hours

 Test:
 EC50

 Result:
 1-10 mg/L

Product/substance sodium hydroxide; caustic soda

Species: Fish, Brachydanio rerio

 Duration:
 96 hours

 Test:
 LC50

 Result:
 125-210 mg/L

Product/substance sodium hydroxide; caustic soda Species: Daphnia, Daphnia magna

Duration: 48 hours
Test: EC50
Result: >33 mg/L

Product/substance sodium hydroxide;caustic soda Species: Algae, Scenedesmus subspicatus

Duration: 72 hours Result: 213 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs.,

hydroxides, inner salts

Species:FishTest:LC50Result:1.1 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs.,

hydroxides, inner salts

Species: Daphnia Test: EC50 Result: 1.9 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs.,

hydroxides, inner salts

Species: Algae Test: ErC50 Result: 2.4 mg/L

Harmful to aquatic life with long lasting effects.

# 12.2. Persistence and degradability

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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent



authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

# 12.3. Bioaccumulative potential

Product/substance sodium hydroxide; caustic soda

LogKow: -3,88 Conclusion: -

## 12.4. Mobility in soil

No data available.

# 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

# 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 8 - Corrosive

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

Not applicable.

## Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

# **SECTION 14: Transport information**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1760	CORROSIVE LIQUID, N.O.S. (sodium hydroxide;caustic soda, Benzyl-C12-14-alkyldimethylammonium chlorides)	Transport hazard class: 8 Label: 8 Classification code: C9	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN1760	CORROSIVE LIQUID, N.O.S. (sodium hydroxide;caustic soda, Benzyl-C12-14-alkyldimethylammonium chlorides)	Transport hazard class: 8 Label: 8 Classification code: C9	II	No	Limited quantities: 1 L EmS: F-A S-B See below for additional information.
IATA	UN1760	CORROSIVE LIQUID, N.O.S. (sodium hydroxide;caustic soda, Benzyl-C12-14-alkyldimethylammonium chlorides)	Transport hazard class: 8 Label: 8 Classification code: C9	II	No	See below for additional information.



14.114.214.314.414.5OtherUN / ID UN proper shipping nameHazard class(es)PG\* Env\*\* information:



# \* Packing group

### \*\* Environmental hazards

#### Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

# 14.6. Special precautions for user

Not applicable.

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

No data available.

# **SECTION 15: Regulatory information**

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

### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

### Demands for specific education

No specific requirements.

## SEVESO - Categories / dangerous substances

Not applicable.

# Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- · Amphoteric surfactants
- · Cationic surfactants
- · Non-ionic surfactants

# Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### Sources

Management of health and safety at work regulations (Northern Ireland) 2000 (No. 388).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

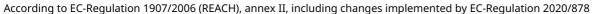
## 15.2. Chemical safety assessment

No

# **SECTION 16: Other information**

# Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.





H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of

1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

### The safety data sheet is validated by

EcoOnline

# Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.



Country-language: GB-NIR-en

Reload 01 Sanitiser Degreaser