

SAFETY DATA SHEET RELOAD 9 CONCENTRATED BATH & TILE CLEANER

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name RELOAD 9 CONCENTRATED BATH & TILE CLEANER
Product No. REAQUABATH

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
11 Comber Road
Belfast
BT8 8AN
Tel. 028 90814777
Fax. 028 90812881
email: sds@kitchenmaster-ni.com

1.4. Emergency telephone number

028 9081 4777
08:30 - 17:00 Monday to Thursday
08:30 - 16:30 Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36.

Human health
Irritating to eyes.

Environment
The product contains a substance which is very toxic to aquatic organisms.

2.2. Label elements

Detergent Labelling:

< 5%	non-ionic surfactants Phosphonates perfumes
Contains	d-LIMONENE, BENZALKONIUM CHLORIDE, BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL

Labelling



Irritant

Risk Phrases

R36 Irritating to eyes.

Safety Phrases

S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S60 This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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ALCOHOL ETHOXYLATE-7 MOLE		1-5%
CAS-No.: 68131-39-5	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.	
BENZALKONIUM CHLORIDE		1-5%
CAS-No.: 68391-01-5	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.	
CITRIC ACID 93BP		1-5%
CAS-No.: 77-92-9	EC No.:	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	
PROPAN-2-OL		1-5%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Skin contact

Remove victim immediately from source of exposure. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Eye contact

Remove victim immediately from source of exposure. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

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

Inhalation.

Vapours/aerosol spray may irritate the respiratory system.

Ingestion

May cause discomfort if swallowed. May cause internal injury.

Skin contact

Skin irritation. Prolonged skin contact may cause redness and irritation.

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Eye contact

Irritating to eyes.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Not relevant

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases may be formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Provide good ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

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Protective equipment



Engineering measures

Provide adequate ventilation.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved safety goggles.

Hygiene measures

Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Odour	Characteristic.

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Alkalis.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Alkalis.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Spray and vapour in the eyes may cause irritation and smarting.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause redness and irritation.

Eye contact

Irritating to eyes.

Toxicological information on ingredients.

RELOAD 9 CONCENTRATED BATH & TILE CLEANER

ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

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Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 1.6 mg/l (dust/mist) Rat 4 hours

REACH dossier information

BENZALKONIUM CHLORIDE (CAS: 68391-01-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

150 mg/kg Mouse

Miscellaneous information sources.

Acute Toxicity (Dermal LD50)

1420 mg/kg Rat

Miscellaneous information sources.

CITRIC ACID 93BP (CAS: 77-92-9)

Acute toxicity:

Acute Toxicity (Oral LD50)

5200 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

REACH dossier information

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which is toxic to aquatic organisms.

12.1. Toxicity

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Ecological information on ingredients.

ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

Acute Toxicity - Fish

LC50 96 hours 0.59 mg/l Pleuronectes platessa

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 0.14 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 72 hours 0.75 mg/l Selenastrum capricornutum

REACH dossier information

BENZALKONIUM CHLORIDE (CAS: 68391-01-5)

Acute Toxicity - Fish

LC50 96 hours 0.31 mg/l Lepomis macrochirus (Bluegill)

Miscellaneous information sources.

CITRIC ACID 93BP (CAS: 77-92-9)

Acute Toxicity - Fish

LC50 48 hours 440 mg/l Leuciscus idus (Golden orfe)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

LC50 24 hours 1535 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

Toxicity threshold 192 hours 640 mg/l Scenedesmus quadricauda

REACH dossier information

NOEC 192 hours 425 mg/l Scenedesmus quadricauda

REACH dossier information

12.2. Persistence and degradability

Degradability

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.

Ecological information on ingredients.

ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

Biodegradation

Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

Bioaccumulation factor

BCF 12.7 Pimephales promelas (Fat-head Minnow)

REACH dossier information

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

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SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

Revision Date 04-2012

Revision 2

Supersedes date 07-2008

Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.
R50	Very toxic to aquatic organisms.

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Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.