

SAFETY DATA SHEET

RELOAD 5 - ALL PURPOSE DISINFECTANT CLEANER CONCENTRATE

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 5 - ALL PURPOSE DISINFECTANT CLEANER CONCENTRATE
Product No. REAQUABLUE

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;R36/38.

Human health

Irritating to eyes and skin.

Environment

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

2.2. Label elements

Detergent Labelling:

< 5% perfumes
Contains d-LIMONENE, BENZALKONIUM CHLORIDE, GERANIOL, BUTYLPHENYL METHYLPROPIONAL, HEXYL CINNAMAL, LINALOOL

Labelling



Irritant

Risk Phrases

R36/38

Irritating to eyes and skin.

Safety Phrases

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37

Wear suitable gloves.

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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BENZALKONIUM CHLORIDE		5-10%
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.	
DIPROPYLENE GLYCOL MONOMETHYL ETHER		5-10%
CAS-No.: 34590-94-8	EC No.: 252-104-2	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

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.

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

May cause blurred vision and serious eye damage. Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation.

Spray mists may cause respiratory tract irritation.

Ingestion

May cause discomfort if swallowed. May cause internal injury.

Skin contact

Skin irritation.

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

During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

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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

The product is not expected to be hazardous to the 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. Flush with plenty of water to clean spillage area. 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. Avoid spilling, skin and eye contact. Wash hands after handling.

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
DIPROPYLENE GLYCOL MONOMETHYL ETHER	WEL	50 ppm	308 mg/m ³			Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation.

Hand protection

Wear 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 handling. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. 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

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Appearance	Liquid
Colour	Orange.
Odour	Characteristic.
Relative density	1.00 @ 20°C
pH-Value, Conc. Solution	5.5

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Spray mists may cause respiratory tract irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Toxicological information on ingredients.

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.

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DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

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Acute Toxicity (Dermal LD50)

> 20 mL/kg Rat

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 275 ppm (vapours) Rat 7 hours

REACH dossier information

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

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

12.1. Toxicity

Ecological information on ingredients.

BENZALKONIUM CHLORIDE (CAS: 68391-01-5)

Acute Toxicity - Fish

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

Miscellaneous information sources.

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)

Acute Toxicity - Fish

LC50 96 hours > 1000 *Poecilia reticulata*

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

LC50 48 hours 1919 mg/l

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 72 hours > 969 mg/l *Selenastrum capricornutum*

REACH dossier information

NOEC 72 hours 969 mg/l *Selenastrum capricornutum*

REACH dossier information

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

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.

SECTION 13: DISPOSAL CONSIDERATIONS

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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

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

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 06-2008

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Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
NC	Not classified.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.
H400	Very toxic to aquatic life.