

## SAFETY DATA SHEET

### RELOAD 6-CONCENTRATED GLASS AND STAINLESS 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 6-CONCENTRATED GLASS AND STAINLESS CLEANER  
**Product No.** REAQUAGLASS

##### 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)** Not classified.

##### **Human health**

See section 11 for additional information on health hazards.

##### 2.2. Label elements

**Detergent Labelling:**  
< 5% anionic surfactants  
Phosphonates

**Risk Phrases** NC Not classified.

**Safety Phrases** NC Not classified.

##### 2.3. Other hazards

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.2. Mixtures

<b>BUTYL GLYCOL</b>	<b>1-5%</b>
<b>CAS-No.: 111-76-2</b>	<b>EC No.: 203-905-0</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

<b>ETHANOL</b>	<b>10-30%</b>
<b>CAS-No.: 64-17-5</b>	<b>EC No.: 200-578-6</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11
<b>SODIUM XYLENE SULPHONATE</b>	<b>1-5%</b>
<b>CAS-No.: 1300-72-7</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.

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. Rinse mouth thoroughly. 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.**

No specific symptoms noted.

#### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged skin contact may cause redness and irritation.

#### **Eye contact**

May irritate 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**

In case of fire, toxic gases may be formed.

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

## 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.

### 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
BUTYL GLYCOL	WEL	25 ppm		50 ppm		Sk
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

#### 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, tight fitting safety glasses where splashing is probable.

#### 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

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

## 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

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**

May cause irritation to the respiratory system.

#### **Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged and frequent contact may cause redness and irritation.

#### **Eye contact**

Splashes may irritate.

#### Toxicological information on ingredients.

#### ETHANOL (CAS: 64-17-5)

##### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

10470 mg/kg Rat

REACH dossier information

##### **Acute Toxicity (Inhalation LC50)**

124.7 mg/l (vapours) Rat 4 hours

REACH dossier information

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

BUTYL GLYCOL (CAS: 111-76-2)

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

1746 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

0.63 mL/kg Rabbit

REACH dossier information

**Acute Toxicity (Inhalation LC50)**

450 ppm (vapours) Rat 4 hours

REACH dossier information

SODIUM XYLENE SULPHONATE (CAS: 1300-72-7)

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 7000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg

REACH dossier information

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not expected to be hazardous to the environment.

**Ecological information on ingredients.**

SODIUM XYLENE SULPHONATE (CAS: 1300-72-7)

**Ecotoxicity**

No data on possible environmental effects have been found.

**12.1. Toxicity**

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

## Ecological information on ingredients.

### ETHANOL (CAS: 64-17-5)

#### **Acute Toxicity - Fish**

LC50 14.2 g/L Pimephales promelas (Fat-head Minnow)

REACH dossier information

LC0 96 hours 7.96 g/L Pimephales promelas (Fat-head Minnow)

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

LC50 48 hours 5012 mg/l Ceriodaphnia dubia

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 96 hours 675 mg/l Chlorella vulgaris

REACH dossier information

### BUTYL GLYCOL (CAS: 111-76-2)

#### **Acute Toxicity - Fish**

LC50 96 hours 1474 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 1550 mg/l Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 911 mg/l Pseudokirchnerella subcapitata

REACH dossier information

NOEC 72 hours 88 mg/l Pseudokirchnerella subcapitata

REACH dossier information

### SODIUM XYLENE SULPHONATE (CAS: 1300-72-7)

#### **Acute Toxicity - Fish**

LC50 96 hours > 1000 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours > 1020 mg/l Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 96 hours 758 mg/l Pseudokirchnerella subcapitata

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.

## **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**

### **13.1. Waste treatment methods**

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

# RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

## 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** 07-2008

#### **Risk Phrases In Full**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R11 Highly flammable

R36/38 Irritating to eyes and skin.

R36/37/38 Irritating to eyes, respiratory system and skin.

NC Not classified.

## RELOAD 6-CONCENTRATED GLASS AND STAINLESS CLEANER

### Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H335	May cause respiratory irritation.