

Product RELOAD 8 ROOM FRAGRANCE CONCENTRATE
Revision Date 25/06/2015
Revision 2
Supersedes Date 01/04/2012

SAFETY DATA SHEET



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

1.1. Product identifier

Product name RELOAD 8 ROOM FRAGRANCE CONCENTRATE
Product code REAQUAAIR

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

Identified uses Air freshener.

1.3. Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
11 Comber Road
Belfast
BT8 8AN
028 9081477
02890812881
sales@kitchenmaster-ni.com
Contact Person SDS Contact: sds@kitchenmaster-ni.com

1.4. Emergency telephone number

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

2.1.1 Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human Health Not classified.
Environment Aquatic Chronic 3 - H412

2.1.2 Classification (1999/45/EEC)

R52/53.

2.2. Label elements

2.2.1 Label in Accordance With (EC) No. 1272/2008

Contains Not applicable
Pictogram(s) No pictogram required.
Signal Word
Hazard Statements H412 Harmful to aquatic life with long lasting effects.
Precautionary Statements P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a preparation.

3.2. Mixtures

Product name	Product identifier	REACH Registration	%	Classification (1999/45/EEC)	Classification (EC 1272/2008)
Alcohols,C12 -15, ethoxylated	CAS: 68131-39-5 EC: 500-195-7		1-10%	Xn;R22. Xi;R41. N;R50.	Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400
CITRAL	CAS: 5392-40-5 EC: 226-394-6		< 1%	R43 Xi;R38	Skin Irrit. 2 - H315 Skin Sens. 1 - H317
ETHANOL	CAS: 64-17-5 EC: 200-578-6		20-30%	F;R11	Flam. Liq. 2 - H225
LIMONENE	CAS: 138-86-3 EC: 205-341-0		< 1%	R10 R43 Xi;R38 N;R50/53	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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

The data shown are in accordance with the latest EC Directives. No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information	General first aid, rest, warmth and fresh air.
Inhalation	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues
Ingestion	Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact	Get medical attention if any discomfort occurs.
Eye contact	Do not rub eye. Immediately flush with plenty of water or eyewash solution for up to 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. .Obtain medical attention for all cases where eye contact occurs .

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

Inhalation	No specific symptoms noted.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms noted.
Eye contact	No specific symptoms noted.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products When heated, toxic and corrosive vapours/gases may be formed. 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).

5.3. Advice for firefighters

Special Fire Fighting Procedures If possible, fight fire from protected position. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water.

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. Avoid contact with skin and eyes. In case of inadequate ventilation, use respiratory protection.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! When dealing with a spillage, please consult the section relating to suitable protective measures. Wear necessary protective equipment. Absorb spillage with non-combustible, absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Do not use contact lenses. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep upright. Do not mix with other chemicals. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store separate from other products which react with acids or bases and strong oxidising agents.

7.3. Specific end use(s)

Usage Description 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
ETHANOL	OEL			1000 ppm	
	WEL	1000 ppm	1920 mg/m ³		

Ingredient Comments OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2011
WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits

8.2. Exposure controls**8.2.1 Engineering measures**

Provide adequate ventilation.

8.2.3 Protective equipment

Eye protection	Avoid contact with Eyes
Skin protection	Hand protection not required
Other protection	None required.

8.2.4 Hygiene measures

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

8.2.5 Environmental Exposure Controls

Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	Liquid
b) Colour	Clear, fluorescent yellow
c) Odour	Strong Lemon fragrance
d) pH-Value, Conc. Solution	8
e) Melting point (°C)	No information available
f) Initial boiling point and boiling range (°C)	No information available
g) Flash point (°C)	No information available
h) Evaporation rate	No information available
i) Evaporation Factor	No information available
j) Flammability Limit - Lower(%)	No information available
k) Flammability Limit - Upper(%)	No information available
l) Vapour pressure	No information available
m) Vapour density (air=1)	No information available

n) Relative density	0.965 +/- 0.004
o) Bulk Density	No information available
p) Solubility	No information available
q) Decomposition temperature (°C)	No information available
s) Partition coefficient; n-octanol/water	No information available
t) Auto Ignition Temperature (°C)	No information available
u) Viscosity	No information available
v) Explosive properties	Not considered to be explosive
w) Oxidising properties	Does not meet the criteria for oxidising

9.2. Other information

No information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with Oxidisers.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Reaction with: See section 10.1 for information on hazardous reactions.

Hazardous Polymerisation Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with oxidisers. Do not mix with other chemicals unless listed on directions. Avoid storing in large quantities or for long periods of time.

10.5. Incompatible materials

Materials To Avoid Avoid oxidising substances. Do not mix with other chemicals unless listed on directions.

10.6. Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1 Toxicological Information

No toxicological information for the overall finished product.

Toxicological Information on ingredients

Name	Identifier	Acute Toxicity (Oral LD50)	Acute Toxicity (Dermal LD50)	Acute Toxicity (Inhalation LC50)
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Name	Identifier	Acute Toxicity (Oral LD50)	Acute Toxicity (Dermal LD50)	Acute Toxicity (Inhalation LC50)
Alcohols,C12 -15, ethoxylated	CAS: 68131-39-5	> 5000 mg/kg Rat REACH dossier information	> 2000 mg/kg Rat REACH dossier information	> 1.6 mg/l (dust/mist) Rat 4 hours REACH dossier information
CITRAL	CAS: 5392-40-5	No information available	No information available	No information available
ETHANOL	CAS: 64-17-5	No information available	No information available	No information available
LIMONENE	CAS: 138-86-3	No information available	No information available	No information available

11.1.2 Acute toxicity:

Acute Toxicity (Oral LD50)	No toxicological information for the overall finished product.
Acute Toxicity (Dermal LD50)	No toxicological information for the overall finished product.
Acute Toxicity (Inhalation LC50)	No toxicological information for the overall finished product.

11.1.3 Skin Corrosion/Irritation:

No specific symptoms noted.

11.1.4 Serious eye damage/irritation:

No specific symptoms noted.

11.1.5 Respiratory or skin sensitisation:

Respiratory sensitisation	No specific symptoms noted.
Skin sensitisation	May cause discomfort if swallowed.

11.1.6 Germ cell mutagenicity:

Genotoxicity - In Vitro	No information available.
Genotoxicity - In Vivo	No information available.

11.1.7 Carcinogenicity:

Carcinogenicity	No information available.
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11.1.8 Specific target organ toxicity - single exposure:

STOT - Single exposure	No information available.
STOT - Repeated exposure	No information available.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

12.2. Toxicity

No ecological toxicity available on the overall finished product.

Ecological Information on ingredients

Name	Identifier	Acute Toxicity – Aquatic Invertebrates	Acute Toxicity – Aquatic Plants	Acute Toxicity – Fish
Alcohols,C12 -15, ethoxylated	CAS: 68131-39-5	EC50 48 hours 0.14 mg/l Daphnia magna REACH dossier information	EC50 72 hours 0.75 mg/l Senastrum capricornutum REACH dossier information	LC50 96 hours 0.59 mg/l Pleuronectes platessa REACH dossier information
CITRAL	CAS: 5392-40-5	No information available	No information available	No information available
ETHANOL	CAS: 64-17-5	No information available	No information available	No information available
LIMONENE	CAS: 138-86-3	No information available	No information available	No information available

12.3. Persistence and degradability

Degradability The degradability of the product has not been stated.

12.4 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.5. Mobility in soil

Mobility: The product is soluble in water.

12.6. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS**General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

UN No. (ADR/RID/ADN) Not applicable

UN No. (IMDG) Not applicable

UN No. (ICAO) Not applicable

14.2. UN proper shipping name

Proper Shipping Name Not applicable

14.3. Transport hazard class(es)

ADR/RID/ADN Not applicable

ADR/RID/ADN Class Not applicable

ADR Label No. Not applicable

IMDG Class Not applicable

ICAO Class/Division Not applicable

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group Not applicable

IMDG Packing group Not applicable

ICAO Packing group Not applicable

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

EMS Not applicable

Emergency Action Code Not applicable

Hazard No. (ADR) Not applicable

Tunnel Restriction Code Not applicable

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

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1.1 EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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.

15.1.2 Approved Code of Practice

2031 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 (S.I. No. 619 of 2001)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Indication of Changes

Revision Date 25/06/2015

Revision	2
Risk Phrases in Full	R10 Flammable. R22 Harmful if swallowed. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R38 Irritating to skin. R43 May cause sensitization by skin contact. R41 Risk of serious damage to eyes. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50 Very toxic to aquatic organisms.
Hazard Statements In Full	H318 Causes serious eye damage H315 Causes skin irritation H226 Flammable liquid and vapour H302 Harmful if swallowed H412 Harmful to aquatic life with long lasting effects H225 Highly flammable liquid and vapour H317 May cause an allergic skin reaction H410 Very toxic to aquatic life with long lasting effects H400 Very toxic to aquatic life
Disclaimer	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.