



## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

#### 1.1 Product identifier

Product Name	Glass Cleaner RTU
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	Not known.
Uses Advised Against	Not known.

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

##### Manufacturer

Company Identification	R&D Laboratories Ltd
Address of Manufacturer	Unit U, Enkalon Industrial Estate Antrim
Postal code	BT41 4LJ
Telephone:	+44(0) 2894 465753
Fax	Not known.
E-mail	support@mistral-chemicals.zendesk.com
Office hours	

##### Supplier

Company Identification	R&D Laboratories Ltd
Address of Supplier	Unit U, Enkalon Industrial Estate Antrim
Postal code	BT41 4LJ
Telephone:	+44(0) 2894 465753
Fax	Not known.
E-mail	support@mistral-chemicals.zendesk.com
Office hours	

#### 1.4 Emergency telephone number

Emergency Phone No.	+44(0) 2894 465753
Contact	Barry Kelly

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
-------------------------------------	---

#### 2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Glass Cleaner RTU
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.



## SAFETY DATA SHEET

### 2.3 Other hazards

None known.

### 2.4 Additional Information

None.

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

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2	1-5	Not classified	
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1B H314 Acute Tox. 4 H332	GHS07 GHS05

## 4. SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

## 5. SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

### 5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

### 5.3 Advice for firefighters

As appropriate for surrounding fire.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material.

### 6.4 Reference to other sections

See Also Section 8, 13.

## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Not known.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.  
Storage life Stable under normal conditions.  
Incompatible materials None known.

### 7.3 Specific end use(s)

Not known.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
(2-methoxymethylethoxy) propanol	34590-94-8	50	308			Sk
(2-Methoxymethylethoxy)-propanol	34590-94-8	50	308			IOELV, Skin
2-Aminoethanol	141-43-5	1	2.5	3	7.6	Sk
2-Aminoethanol	141-43-5	1	2.5	3	7.6	IOELV, Skin

Remark Footnote

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

IOELV IOELV: Indicative Occupational Exposure Limit Value

Skin The possibility of significant uptake through the skin.

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards

None known.

8.2.3. Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Blue
Odour	Slight
Odour threshold	Not known.
pH	> 7.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	1.0
Solubility(ies)	Solubility (Water) : Completely soluble in water. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

### 9.2 Other information

None.

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

None anticipated.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**11. SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 83333.33000
Acute toxicity - Skin Contact	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 220000.00000
Acute toxicity - Inhalation	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 2200.00000
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

**11.2 Other information**

Not known.

**12. SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

**12.2 Persistence and Degradation**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Other adverse effects**

Not known.

**13. SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

No special precautions are required for this product.

**13.2 Additional Information**

No special precautions are required for this product.

**14. SECTION 14: TRANSPORT INFORMATION****Not classified as hazardous for transport.****15. SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****European Regulations - Authorisations and/or Restrictions On Use**

Candidate List of Substances of  
Very High Concern for  
Authorisation

Not listed

REACH: ANNEX XIV list of  
substances subject to  
authorisation

Not listed

REACH: Annex XVII Restrictions  
on the manufacture, placing on  
the market and use of certain  
dangerous substances, mixtures  
and articles

Not listed

Community Rolling Action Plan  
(CoRAP)

2-aminoethanol (141-43-5)

Regulation (EC) N° 850/2004 of  
the European Parliament and of  
the Council on persistent  
organic pollutants

Not listed

Regulation (EC) N° 2037/2000  
on substances that deplete the  
ozone layer

Not listed

Regulation (EU) N° 649/2012 of  
the European Parliament and of  
the Council concerning the  
export and import of hazardous  
chemicals

Not listed

**National regulations**



## SAFETY DATA SHEET

---

Other

Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)

None.

Hazard Statement(s)

None.

Precautionary Statement(s)

None.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. R&D Laboratories Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. R&D Laboratories Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.