



## Film Free RTU Glass Cleaner

4-27-2015

Version Number: 1

Preparation date: 2011-04-04

1. PRODUCT AND COMPANY IDENTIFICATION	
Product name:	Film Free RTU Glass Cleaner
MSDS #:	MS0600031
Product Code:	U22655, U22656
Recommended use:	Glass Cleaner.
<b>Manufacturer, importer, supplier:</b> Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 1-800-864-7687 MSDS Internet Address: www.unisourceworldwide.com	
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW</b> CAUTION MAY BE MILDLY IRRITATING TO EYES	
Principal routes of exposure:	Eye contact Skin contact Inhalation
Eye contact:	May be mildly irritating to eyes
Skin contact:	None known
Inhalation:	None known
Ingestion:	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS			
Ingredient(s)	CAS #	Weight %	
Diethylene glycol monoethyl ether	111-90-0	0.1 - 1.5%	
Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Diethylene glycol monoethyl ether	1920	=4200 µL/kg	>5240 mg/m <sup>3</sup> (4 h)

4. FIRST AID MEASURES	
Eye contact:	Flush immediately with plenty of water If irritation develops, get medical attention
Skin contact:	Rinse with plenty of water
Inhalation:	No specific first aid measures are required
Ingestion:	No specific first aid measures are required
Aggravated Medical Conditions:	None known

5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	The product is not flammable Extinguish fire using agent suitable for surrounding fire
Specific hazards:	Not applicable
Unusual hazards:	None known
Specific methods:	No special methods required

**Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:**

No information available

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions:</b>	Not relevant for the product itself
<b>Environmental precautions and clean-up methods:</b>	Clean-up methods - large spillage Soak up with inert absorbent material Sweep up and shovel into suitable containers for disposal Use a water rinse for final clean-up

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Avoid contact with eyes
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
<b>Storage:</b>	Protect from freezing Keep tightly closed in a dry, cool and well-ventilated place KEEP OUT OF REACH OF CHILDREN

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Engineering measures to reduce exposure:</b>	
No special ventilation requirements General room ventilation is adequate	
<b>Personal Protective Equipment</b>	
<b>Eye protection:</b>	No special requirements under normal use conditions
<b>Hand protection:</b>	No special requirements under normal use conditions
<b>Skin and body protection:</b>	No special requirements under normal use conditions
<b>Respiratory protection:</b>	No special requirements under normal use conditions
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment None / Aucune / Ninguno

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid Aqueous solution
<b>Bulk density:</b>	No information available	<b>Specific gravity:</b>	0.999
<b>Elemental Phosphorus:</b>	0 % by wt.	<b>Vapor density:</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Solubility:</b>	Completely Soluble
<b>VOC:</b>	0 % *	<b>Viscosity:</b>	No information available
<b>Density:</b>	8.34 lbs/gal 1 Kg/L	<b>pH:</b>	8
<b>Dilution pH: 8 @ RTU</b>			
<b>Partition coefficient (n-octanol/water):</b>	No information available		
<b>Solubility in other solvents:</b>	No information available		
<b>Color:</b>	Clear Blue		
<b>Odor:</b>	Floral		
<b>Boiling point/range:</b>	Not determined		
<b>Melting point/range:</b>	Not determined		
<b>Flash point:</b>	> 200 °F > 93.4 °C		
<b>Decomposition temperature:</b>	Not determined		
<b>Autoignition temperature:</b>	No information available		

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	The product is stable
<b>Polymerization:</b>	Hazardous polymerization does not occur
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Oral LD50 estimated to be greater than 5000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg
<b>Component Information:</b>	See Section 3
<b>Chronic toxicity:</b>	None known
<b>Specific effects</b>	
<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

### 12. ECOLOGICAL INFORMATION

<b>Environmental Information:</b>	No data available
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### 13. DISPOSAL CONSIDERATIONS

<b>Waste from residues / unused products:</b>	Dispose of according to all federal, state and local applicable regulations
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### 14. TRANSPORT INFORMATION

<b>DOT/TDG:</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>DOT Bill of Lading Description:</b>	Cleaning, washing, buffing, or polishing compounds Liquid

**15. REGULATORY INFORMATION****International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

**U.S. Regulations****California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65**SARA 311/312 Hazard Categories**

<b>Immediate:</b>	-
<b>Delayed:</b>	-
<b>Fire:</b>	-
<b>Reactivity:</b>	-
<b>Sudden Release of Pressure:</b>	-

**Canada**

Ingredient(s)	CAS #	NPRI
Hexyloxyethanol	112-25-4	X

**WHMIS hazard class:**

Not for sale in Canada

**Right To Know (RTK)**

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Diethylene glycol monoethyl ether	111-90-0	-	-	-	-
Hexyloxyethanol	112-25-4	-	-	-	-
Water	7732-18-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethylene glycol monoethyl ether	111-90-0	0.1 - 1.5%			X
Hexyloxyethanol	112-25-4	0.1 - 1.5%			X

Component	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethylene glycol monoethyl ether 111-90-0 ( 0.1 - 1.5% )	X		
Hexyloxyethanol 112-25-4 ( 0.1 - 1.5% )	X		

**16. OTHER INFORMATION**

HMIS	Health	1	Fire Hazard	0	Reactivity	0
NFPA	Health	1	Flammability	0	Instability	0

<b>Reason for revision:</b>	Not applicable
<b>Prepared by:</b>	NAPRAC
<b>Additional advice:</b>	Contains an added fragrance, see "Odor" heading in section 9 for specific description
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