

Version Number: 1

Preparation date: 2005-08-30

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	FILM FREE RTU Glass Cleaner
MSDS #:	MS0600031
Product code:	U22655, U22656
Recommended use:	Specialty Cleaner .
Manufacturer, importer, supplier:	Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Principle routes of exposure:	<ul style="list-style-type: none"> • Eyes • Skin • Inhalation
Inhalation:	<ul style="list-style-type: none"> • None known
Ingestion:	<ul style="list-style-type: none"> • None known
Skin contact:	<ul style="list-style-type: none"> • None known
Eye contact:	<ul style="list-style-type: none"> • May be mildly irritating to eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS
HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Diethylene glycol ethyl ether	111-90-0	0.1 - 1.5%

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Diethylene glycol ethyl ether	5.5 ml/kg (rat)	4.2 mL/kg (rabbit)	5.24 g/m ³ (rat)

4. FIRST AID MEASURES

Eye contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water • Get medical attention if irritation occurs
Skin contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water • Get medical attention if irritation occurs
Inhalation:	<ul style="list-style-type: none"> • No specific first aid measures are required
Ingestion:	<ul style="list-style-type: none"> • No specific first aid measures are required
Aggravated Medical Conditions:	<ul style="list-style-type: none"> • Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> • The product is not flammable • Dry chemical, water spray, foam, carbon dioxide
Specific hazards:	<ul style="list-style-type: none"> • None known
Unusual hazards:	<ul style="list-style-type: none"> • None known
Specific methods:	<ul style="list-style-type: none"> • 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:

- None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	• Not applicable
Environmental precautions and clean-up methods:	• Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

7. HANDLING AND STORAGE

Handling:	• Avoid contact with skin and eyes
FOR COMMERCIAL AND INDUSTRIAL USE ONLY	
Storage:	<ul style="list-style-type: none"> • Protect from freezing • Keep tightly closed in a dry, cool and well-ventilated place • Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures to reduce exposure:**

- No special ventilation requirements
- General room ventilation is adequate

Personal Protective Equipment

Eye protection:	• No special requirements under normal use conditions
Hand protection:	• No special requirements under normal use conditions
Skin and body protection:	• No special requirements under normal use conditions
Respiratory protection:	• No special requirements under normal use conditions
Hygiene measures:	• Handle in accordance with good industrial hygiene and safety practice

None Required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Emulsion
Color:	Clear Blue	Odor:	Rose
Specific gravity:	1.003	pH:	6.8
Dilution pH:	No information available	Density:	8.37
Bulk density:	No information available	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
VOC:	0	Viscosity:	No information available
Solubility in other solvents:	No information available		
Partition coefficient (n-octanol/water):	No information available		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	>200 (°F)>93.3 (°C)		
Decomposition temperature:	Not determined		
Autoignition temperature:	No information available		

10. STABILITY AND REACTIVITY

Stability:	• The product is stable
Polymerization:	• Hazardous polymerisation does not occur
Hazardous decomposition products:	• None reasonably foreseeable

Conditions to avoid:	• Do not freeze
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11. TOXICOLOGICAL INFORMATION

Acute toxicity	<ul style="list-style-type: none"> • Oral • LD50 estimated to be greater than 5000 mg/kg • Dermal • LD50 estimated to be > 2000 mg/kg
Component Information:	• See Section 3
Chronic toxicity:	• None known
Specific effects	
Carcinogenic effects:	• None known
Mutagenic effects:	• None known
Reproductive toxicity:	• None known
Target organ effects:	• None known

12. ECOLOGICAL INFORMATION

Environmental Information:	• no data available
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13. DISPOSAL CONSIDERATIONS

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

DOT/TDG:	• Please refer to the Bill of Lading/receiving documents for up to date shipping information
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15. REGULATORY INFORMATION

International Inventories	
All components of this product are listed on the following inventories: U.S.A. (TSCA).	
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	
Immediate:	N
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada	
WHMIS hazard class:	Not for sale in Canada .

STATE RIGHT TO KNOW

Ingredient	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Diethylene glycol ethyl ether	111-90-0	Listed	-	Listed	-	-	-
Hexyloxyethanol	112-25-4	Listed	-	Listed	-	-	-

CERCLA / SARA

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

CAA HAP/CAA ODS/CWA Priority Pollutants: None

16. OTHER INFORMATION						
HMIS	Health	1	Fire Hazard	0	Reactivity	0
NFPA	Health:	1	Flammability:	0	Instability:	0
Reason for revision:		Not applicable				
Prepared by:		NAPRAC				
Additional advice:		None				
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