



GLASS CLEANER

Version Number: 0

Preparation date: 2010-01-29

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	GLASS CLEANER
MSDS #:	MS0600536
Product Code:	404062 , 405935
Recommended use:	Glass Cleaner.
Manufacturer, importer, supplier:	Manufactured for: SRC 6285 Tri-Ridge Blvd. Loveland, OH 45140 www.regencybrand.com
Emergency telephone number:	1-800-983-4582 In case of spill emergencies call CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
• CAUTION	
• MAY BE MILDLY IRRITATING TO EYES	
• COMBUSTIBLE LIQUID AND VAPOR	
Principle 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 %
2-butoxyethanol	111-76-2	1 - 5 %
Isopropyl alcohol	67-63-0	0.1 - 1.5%

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
2-butoxyethanol	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)
Isopropyl alcohol	4396	12870 mg/kg	72.6 mg/L (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:	• Use dry chemical, CO2, water spray or "alcohol" foam
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

Personal precautions:	Use personal protective equipment
Environmental precautions and clean-up methods:	<ul style="list-style-type: none"> • Clean-up methods - large spillage • Eliminate all ignition sources • 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

Handling:	<ul style="list-style-type: none"> • Avoid contact with eyes • COMBUSTIBLE LIQUID AND VAPOR • Keep away from open flames, hot surfaces and sources of ignition • Use only in well-ventilated areas
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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 REACH OF CHILDREN
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	<ul style="list-style-type: none"> • 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

Personal protective equipment
None / Aucune / Ninguno

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)
Isopropyl alcohol	67-63-0	400 ppm (STEL) 200 ppm (TWA)	400 ppm (TWA) 980 mg/m ³ (TWA)	500 ppm (STEL) 1225 mg/m ³ (STEL) 980 mg/m ³ (TWA) 400 ppm (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Bulk density:	No information available	Specific gravity:	0.996
Elemental Phosphorus:	0 % by wt.	Vapor density:	No information available
Evaporation Rate	No information available	Solubility:	Completely Soluble

VOC:	4 % *	Viscosity:	No information available
Density:	8.31 lbs/gal 0.996	pH:	9.4
		Dilution pH:	9.4 @ RTU
Partition coefficient (n-octanol/water):	No information available		
Solubility in other solvents:	No information available		
Color:	Clear Blue		
Odor:	Ammonia		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	187 °F 86.1 °C		
Decomposition temperature:	Not determined		
Autoignition temperature:	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

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	<ul style="list-style-type: none"> Oxidising agents
Conditions to avoid:	<ul style="list-style-type: none"> Keep away from open flames, hot surfaces and sources of ignition Strong sunlight for prolonged periods.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	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

Ingredient(s)	CAS #	NTP	IARC	OSHA
2-butoxyethanol	111-76-2		3	
Isopropyl alcohol	67-63-0		3	X

12. ECOLOGICAL INFORMATION

Environmental Information:	No data available
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	<ul style="list-style-type: none"> 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: -
 Delayed: -
 Fire: X
 Reactivity: -
 Sudden Release of Pressure: -

Canada

WHMIS hazard class: Not for sale in Canada

Right To Know (RTK)

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	X
Isopropyl alcohol	67-63-0	X	X	X	X

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol	111-76-2	1 - 5 %			X
Isopropyl alcohol	67-63-0	0.1 - 1.5%			X

Component	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol 111-76-2 (1 - 5 %)	X		

16. OTHER INFORMATION

HMIS	Health	1	Fire Hazard	2	Reactivity	0
NFPA	Health	1	Flammability	2	Instability	0

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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