



## MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2008-07-23

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** GLISTEN RTU Glass and Surface Cleaner  
**MSDS #:** MS0400002  
**Product Code:** 4309320

**Recommended use:** Glass Cleaner.

**Manufacturer, importer, supplier:**

US Headquarters	Canadian Headquarters
The Butcher Company	JohnsonDiversey - Canada, Inc.
8310 16th St.	2401 Bristol Circle
Sturtevant, Wisconsin 53177-1964	Oakville, Ontario L6H 6P1
Phone: 1-800-225-9475	Phone: 1-800-668-3131
MSDS Internet Address:	
www.thebutchercompany.com	

**Emergency telephone number:** 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

**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:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** None known.  
**Skin contact:** None known.  
**Inhalation:** None known.  
**Ingestion:** None known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous ingredients**

Ingredient(s)	CAS #	Weight %
2-butoxyethanol	111-76-2	1 - 5%

**4. FIRST AID MEASURES**

**Eye contact:** Rinse with plenty of water.  
**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:**

Not applicable

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

No information available

**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

**Specific hazards:** Not applicable**Unusual hazards:** None known**Specific methods:** No special methods required**NFPA****Health:** 0**Flammability:** 0**Instability:** 0**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:** Not applicable.**Environmental precautions and clean-up methods:** Soak up with inert absorbent material. Clean up affected area with water.**7. HANDLING AND STORAGE****Handling:** Handle in accordance with good industrial hygiene and safety practice. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**Storage:** 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****Engineering measures to reduce exposure:**

No special ventilation requirements.

**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.

Ingredient(s)	ACGIH	OSHA	Mexico
2-butoxyethanol	20 ppm (TWA)	Skin 240 mg/m <sup>3</sup> (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m <sup>3</sup> (STEL) 26 ppm (TWA) 120 mg/m <sup>3</sup> (TWA)

**HMIS**                      **Health**    0                      **Fire Hazard**    0                      **Reactivity**    0**Personal protective equipment**

None / Aucune / Ninguno

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Blue**pH:** 10.1**Specific gravity:** 1.00**Bulk density:** `**Evaporation Rate** No information available**Solubility:** completely soluble**Solubility in other solvents:** No information available**Partition coefficient (n-octanol/water):** No information available**Appearance:** Aqueous solution**Odor:** Ammonia**Dilution pH:** No information available.**Density:** 8.33 lbs/gal**Vapor density:** No information available**Viscosity:** No information available**VOC: % as concentrate** 1.52% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200°F >93.3°C
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Elemental Phosphorus:</b>	0.0 %P
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\* - 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>Materials to avoid:</b>	None known.
<b>Conditions to avoid:</b>	None known.
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients**

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)

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg  
**Chronic toxicity:** None known

**Specific effects**

<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

**Hazardous ingredients**

Ingredient(s)	NTP	IARC	OSHA
2-butoxyethanol 111-76-2		3	

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** No data available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**  
 Dispose of according to all federal, state and local applicable regulations

**14. TRANSPORT INFORMATION**

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Japan (ENCS), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**STATE RIGHT TO KNOW**

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

**CERCLA/ SARA**

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol 111-76-2	1 - 5%			X

**SARA 311/312 Hazard Categories**

**Immediate:** -  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** Non-controlled.

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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