



MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2005-06-23

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: GLISTEN RTU Glass and Surface Cleaner
Product code: 4309320
MSDS #: MS0400002
Recommended use: Specialty Cleaner .

Manufacturer, importer, supplier:

US Headquarters
The Butcher Company
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-800-225-9475
MSDS Internet Address:
www.thebutchercompany.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

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**

- WARNING
- MAY CAUSE EYE IRRITATION

Principle routes of exposure: Eyes. Skin. Inhalation.
Skin contact: May be mildly irritating to skin.
Eye contact: Moderately irritating to the eyes.
Inhalation: None known.
Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS**HAZARDOUS COMPONENTS**

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

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation: No specific first aid measures are required.
Ingestion: No specific first aid measures are required.
Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

None.

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: None known.

Unusual hazards: None known.

Specific methods: No special methods required.

NFPA

Health: 1

Flammability: 0

Instability: 0

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: 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

Ingredient	ACGIH	OSHA	Mexico
2-butoxyethanol 111-76-2	20 ppm (TWA)	240 mg/m ³ 50 ppm Can be absorbed through the skin.	360 mg/m ³ (STEL) 120 mg/m ³ (TWA)

HMS

Health 1

Fire Hazard 0

Reactivity 0

Personal protective equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Blue

pH: 10.2-11.5

Specific gravity: 0.997

Bulk density: No information available

Evaporation rate: No information available

Solubility: Soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Aqueous solution

Odor: Ammoniacal

Dilution pH: No information available

Density: 8.32

Vapor density: No information available

Viscosity: No information available

VOC: 2.5

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

Conditions to avoid: Do not freeze.

Hazardous decomposition products: None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Component Information:

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lead	Not available	Not available	Not available
Arsenic	763 mg/kg (rat)	Not available	Not available
Barium metal	Not available	Not available	Not available
Cadmium	2330 mg/kg (rat)	Not available	25 mg/m ³ /30M (rat)
Chromium	Not available	Not available	Not available
Selenium	6700 mg/kg (rat)	Not available	Not available
PROPRIETARY	Not available	Not available	Not available
Ammonium hydroxide	350 mg/kg (rat)	Not available	Not available
Sodium hydroxide	140 mg/kg (rat)	Not available	Not available
Formaldehyde	100 mg/kg (rat)	270 mg/kg (rabbit)	203 mg/m ³ (rat)
Trisodium salt of NTA	1100 mg/kg (rat)	Not available	Not available
Ethylene glycol	4700 mg/kg (rat)	9530 mL/kg (rabbit)	200 mg/m ³ (rat)
2-butoxyethanol	470 mg/kg (rat)	220 mg/kg (rabbit)	450 ppm (rat)
Butyl alcohol	790 mg/kg (rat)	3400 mg/kg (rabbit)	8000 ppm (rat)
Hexylene glycol	3700 mg/kg (rat)	8.56 mL/kg (rabbit)	310 mg/m ³ /1H (rat)
D-limonene	4400 mg/kg (rat)	5 g/kg (rabbit)	Not available
P-cymene	Not available	Not available	Not available

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

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.

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).

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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
2-butoxyethanol	111-76-2	Listed	Listed	Listed	Listed	Listed	-

CERCLA / SARA

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

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada

WHMIS hazard class: D2B Toxic materials .



Ingredient	CAS #	NPRI
2-butoxyethanol	111-76-2	Listed

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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