

Safety Data Sheet

Printing date 02/04/2016

Revised On 02/04/2016

1 Identification of the substance and manufacturer

Trade name: BRITE & CLEAR GLASS CLEANER
Product code: 0000200020
Product category: PC35 Washing and cleaning products (including solvent based products)
Manufacturer/Supplier: Seymour of Sycamore
 917 Crosby Avenue
 Sycamore, IL 60178
 Phone: 815-895-9101 www.seymourpaint.com
Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification**Classification of the substance or mixture**

Press. Gas H280 Contains gas under pressure; may explode if heated.

Eye Irrit. 2A H319 Causes serious eye irritation.

GHS Hazard pictograms

GHS04 GHS07

Signal word

Warning

Hazard statements

Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.

Precautionary statements

Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Protect from sunlight. Store in a well-ventilated place.

3 Composition/information on ingredients**Chemical characterization: Mixtures**

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

74-98-6	propane	3.15%
67-63-0	isopropyl alcohol	2.19%
111-76-2	Glycol Ether EB	2.15%
106-97-8	n-butane	1.85%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects: Dizziness
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: No further relevant information available.
Protective equipment for firefighters: A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling: Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****74-98-6 propane**

PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (USA) refer to Appendix F in TLVs and BEIs book

(Contd. on page 2)

Safety Data Sheet

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(Contd. of page 1)

67-63-0 isopropyl alcohol

PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm
TLV (USA)	Long-term value: 980 mg/m ³ , 400 ppm
	Short-term value: 984 mg/m ³ , 400 ppm
	Long-term value: 492 mg/m ³ , 200 ppm BEI

111-76-2 Glycol Ether EB

PEL (USA)	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m ³ , 20 ppm BEI

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm

Ingredients with biological limit values:**67-63-0 isopropyl alcohol**

BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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111-76-2 Glycol Ether EB

BEI (USA)	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
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Hygienic protection:	Wash hands after use. Do not eat or drink while working.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection:	Nitrile gloves. Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection:	Tightly sealed goggles

9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range	Undetermined.
Boiling point:	100 °C (212 °F)
Flash point:	> 55 °C (> 131 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	Not determined.
Upper Explosion Limit:	Not determined.
Vapor pressure at 20 °C (68 °F):	23 hPa (17 mm Hg)
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapour density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octonal/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	
VOC content (less exempt solvents):	9.3 %
Water:	90.4 %
MIR Value:	0.12
Solids content:	0.2 %

10 Stability and reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.

(Contd. on page 3)

Safety Data Sheet

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Hazardous decomposition: No dangerous decomposition products known.

(Contd. of page 2)

11 Toxicological information

LD/LC50 values that are relevant for classification:

67-63-0 isopropyl alcohol

Oral	LD50	4570 mg/kg (rat)
Dermal	LD50	13400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)

111-76-2 Glycol Ether EB

Oral	LD50	1480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

67-63-0	isopropyl alcohol	3
111-76-2	Glycol Ether EB	3

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number UN1950
DOT N/A
ADR 1950 Aerosols
Transport hazard class(es):
Class 2.2
Marine pollutant: No
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
Segregation groups Ammonium compounds
Quantity limitations On passenger aircraft/rail: 75 kg
On cargo aircraft only: 150 kg

ADR
Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

IMDG
Limited quantities (LQ) 1L
Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

Packaging Group: --
UN "Model Regulation": UN1950, Aerosols, 2.2

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

67-63-0 isopropyl alcohol
111-76-2 Glycol Ether EB

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

(Contd. on page 4)

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Trade name: BRITE & CLEAR GLASS CLEANER**WHMIS Symbols for Canada:**

A - Compressed gas

(Contd. of page 3)

**EPA:**

111-76-2 Glycol Ether EB

NL

16 Other information**Contact:** Regulatory Affairs
Date of preparation / last revision 02/04/2016 / -