

# MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Aerosol Cleaner with Ammonia**  
Product Name: **Glass Cleaner**  
Part Number(s): **PD\_105843-1**

Emergency Contact: **Chemtrec**  
Phone (24 hours): **(800) 424-9300**  
**PerfectData Corporation**  
**PO BOX 748**  
**NORRISTOWN, PA 19404**  
**GENERAL INFO: 800-973-7332**

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## Section 1 - Identification of Product

COMMON NAME (used on label)(Trade Name & Synonyms): **PerfectData GLASS CLEANER**

CAS. NUMBER: See Section 2

CHEMICAL NAME: Glycol Ether, Alcohol, & Water

CHEMICAL FAMILY: N/A

FORMULA: N/A

### HMIS RATINGS

	Minimal Hazard	0
	Slight Hazard	1
Health: 1	Moderate Hazard	2
Flammability: 0	Serious Hazard	3
Reactivity: 0	Severe Hazard	4
Personal Protection: B	Gloves, Safety Glasses	B

## Section 2 - Hazardous Ingredients

Principal Hazardous Component(s)

CHEMICAL AND COMMON NAME(S)	CAS. #	OSHA PEL	AGCIH TLV	VAPOR		LEL	UEL	FLASH POINT/DEG. F	% BY WT
				OSHA PEL	AGCIH TLV				
Ethyl Alcohol	64-17-5	1000ppm	1000ppm	44 mmHg	3.3	19.0	54(TCC)	5 - 10	
Ethylene Glycol Monobutyl Ether	(111-76-2)	50ppm	50ppm	0.6mmHg		1.1	10.6	154 (TCC)	2 - 5
Liquefied Petroleum Gas (Propellant)	68476-85-7	1000ppm	1000ppm	3691 mmHg		2.0	10.0	-156 Est.	5 - 10
Aqua Ammonia	(1336-21-6)	NE	5 mg/m3	n/a		n/a	n/a	None	<1

N/A is not available or not applicable

NE is not established

## Section 3 - Physical Data

**BOILING POINT (Deg. F):** Concentrate Range: 212

**SPECIFIC GRAVITY (Water = 1):** Concentrate: 1.0

**VAPOR PRESSURE (mmHg):** See Section 2

**PERCENT VOLATILE ORGANIC COMPOUNDS:** Less than 10%

**VAPOR DENSITY (Air = 1):** >1

**EVAPORATION RATE (BA = 1):** >1

**SOLUBILITY IN WATER:** Yes

**REACTIVITY IN WATER:** None

**APPEARANCE AND ODOR:** CONCENTRATE: Clear liquid, slight ammonia odor; PROPELLANT: Colorless, odorless gas; FINISHED PACKAGE: Pressurized containers.

#### Section 4 - Fire & Explosion Hazard Data

**FLASH POINT:** See Section 2

**FLAMMABLE LIMITS IN AIR - % BY VOLUME:** See Section 2

**EXTINGUISHER MEDIA:** Water fog, dry chemical, carbon dioxide

**AUTO-IGNITION TEMPERATURE:** Unknown

**SPECIAL FIRE FIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Self-pressurized aerosol containers. Keep temperature of containers below 120 deg. F. to prevent bursting.

#### Section 5 - Health Hazard Data

**THRESHOLD LIMIT VALUE:** See Section 2

#### **SIGNS AND SYMPTOMS OF EXPOSURE:**

<b><u>EYE CONTACT:</u></b>	Contact with liquid or mist may cause irritation, possibly permanent injury. Vapors may irritate eyes;
<b><u>SKIN CONTACT:</u></b>	Prolonged contact may cause irritation, defatting of skin;
<b><u>INHALATION:</u></b>	Overexposure to vapor may cause dizziness, loss of concentration and irritation. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL;
<b><u>INGESTION:</u></b>	Aspiration may cause rapid absorption through the lungs, which may result in systemic effects.

#### EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

**EYES:** Flush with water for at least 15 minutes. Get medical assistance if irritation persists.

**SKIN:** Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

**INGESTION:** Do not induce vomiting. Call a physician immediately.

#### Section 6 - Reactivity Data

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition.

**INCOMPATIBILITY (Materials to Avoid):** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide. Carbon Monoxide **HAZARDOUS**

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Not Applicable

#### Section 7 - Spill or Leak Procedures

##### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

**SMALL SPILLS:** Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.

**LARGE SPILLS:** Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

#### Section 8 - Special Protection Information

**RESPIRATORY PROTECTION:** NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

##### **VENTILATION:**

LOCAL EXHAUST: To keep below TLV

MECHANICAL (General): To keep below TLV

SPECIAL: None

OTHER: None

**PROTECTIVE GLOVES:** Solvent resistant gloves - impervious gloves

**EYE PROTECTION:** Safety glasses or goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None reasonably foreseeable.

### Section 9 – Special Precautions

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

Do not store above 110 Deg. F. Do not use or store near any open flames or ignition sources.

**OTHER PRECAUTIONS:**

Contents under pressure. Do not puncture or incinerate. Exposure to temperatures above 120 Deg. F may cause can to burst with violence and cause injury. Vapors are heavier than air and will collect in low areas.

### Section 10 - Regulatory Information

SUBJECT TO SECTION 313 OF SARA TITLE III: Yes Isopropyl Alcohol = 5%

ALL CHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NATIONAL TOXICOLOGY PROGRAM: No

I.A.R.C. MONOGRAPHS: No

OSHA: No

OSHA PERMISSIBLE EXPOSURE LIMIT: See Section 2

AGCIH THRESHOLD LIMIT VALUE: See Section 2

OTHER EXPOSURE LIMITED USED: None

### Section 11 - Other Information

**TRANSPORTATION INFORMATION – DOMESTIC GROUND**

Shipping Name:	Consumer Commodity
Hazard Class:	ORM-D
UN Number:	N/A
Packing Group:	N/A
Hazard Label:	None
Carton Marking:	Consumer Commodity, ORM-D

### Disclaimer

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