



Well•Worth Products, Inc.  
180 Dutton Avenue  
Buffalo, NY, 14211  
USA

**PRODUCT: Well•Worth Crystal Clear Glass Cleaner VOC- 20 OZ.**

**CODE: 1065**

### Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Item Numbers..... 1065  
 Product Identity..... Well•Worth Crystal Clear Glass Cleaner VOC- 20 OZ.  
 Manufactured for..... Well•Worth Products, Inc.  
 180 Dutton Ave. Buffalo, NY  
 USA 14211  
 wellworthproducts.com  
 Tel: 800-890-7935  
 Fax: 716-597-0217

24 hour emergency telephone number..... CHEM TREC: 800-424-9300.  
 Recommended Use..... Cleans windows, mirrors, windshields, tile, porcelain, stainless steel, chrome.  
 Consumer Commodity..... Yes.

### Section 02: HAZARDS IDENTIFICATION



Signal Word..... WARNING.  
 Hazard Statement..... Contains gas under pressure; may explode if heated. May be harmful if swallowed. May be harmful if inhaled .

Precautionary Statements:  
 Prevention..... Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use.  
 Response..... IF INHALED OR SWALLOWED: Call a doctor, if you feel unwell.  
 Storage..... Protect from sunlight. Do not expose to temperatures exceeding 50C /122 F . Store in a well ventilated place .  
 Disposal..... Dispose of contents/ container in accordance with local/regional/national/international regulations.

### Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Isobutane	75-28-5	
Isopropyl Alcohol	67-63-0	
Acetone	67-64-1	
Butyl Cellosolve	111-76-2	
Ammonia Solution	7664-41-7	

### Section 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.  
 Skin Contact..... Wash thoroughly with soap and lukewarm water.  
 Ingestion..... Do not induce vomiting, get medical attention.  
 Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance. If breathing is difficult, give oxygen and get medical attention. Do not give adrenaline, epinephrine or similar drugs following exposure to this product.  
 Additional Information..... Note to the doctor; treat symptomatically.

### Section 05: FIRE FIGHTING MEASURES

Flammability Class..... Non-flammable (but contains flammable gas).  
 Conditions..... Excessive heat, sparks and open flame.  
 Fire and Explosion Hazards..... May decompose on contact with flames or extremely hot metal surfaces to produce toxic and corrosive products. Thermal decomposition products are toxic and may include carbonyl halides, Hydrofluoric Acid and oxides of carbon.  
 Extinguishing Media..... Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. Use water spray to cool fire-exposed containers in order to prevent pressure build up.

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**Section 05: FIRE FIGHTING MEASURES**

Sensitivity to Mechanical Impact..... Not expected to be sensitive.  
Sensitivity to Static Discharge..... Not expected to be sensitive.

**Section 06: ACCIDENTAL RELEASE MEASURES**

Personal Precautions..... No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).  
Emergency Procedures..... Ensure that all sources of ignition are eliminated near the spilled material. Wipe up with a damp cloth. Rinse the cloth thoroughly and allow to dry before laundering.  
Environmental Precautions..... Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.  
Methods and Materials used for Containment Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

**Section 07: HANDLING AND STORAGE**

Handling..... Keep out of reach of children. Do not puncture, burn or incinerate or burn. Do not place near sources of heat. Keep from freezing.  
Storage..... Do not store in temperatures above 120°F (50°C).  
Incompatibilities ..... Segregate storage away from materials indicated in section 10.

**Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

## Exposure Limits

Ingredients	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
Isobutane	800 ppm	1000 ppm	800ppm	Not available	Not available	800 ppm (TWA)	
Isopropyl Alcohol	400 ppm (983 mg/m3)	500 ppm (1230 mg/m3)	400 ppm (980 mg/m3)	500 ppm (1,225 mg/m3)	500 ppm (1,225 mg/m3)	400 ppm (TWA)	
Acetone	500 ppm	750 ppm	Not available	1000 ppm	1000 ppm	Not available	
Butyl Cellosolve	20 ppm	Not available	50 ppm	Not available	Not available	Not available	
Ammonia Solution	25 ppm	35 ppm	50 ppm	Not available	Not available	25 ppm	
Eye/Type.....	Safety glasses with side-shields.						
Skin/Type.....	Not normally required. Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.						
Respiratory/Type.....	Use dust and mist respirator.						
Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.						

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State..... Aerosol.  
Physical Appearance..... Clear mist.  
Odor..... Fragrance.  
Odor Threshold (ppm)..... Not determined.  
Specific Gravity (Liquid)..... 0.980-1.020.  
Specific Gravity (Aerosol)..... 0.910 @ 21C.  
Aerosol Vapour Pressure (psig, 21 deg. C)... 25-35.  
Vapour Density (Air=1)..... > 1.  
Evaporation Rate (n-Butyl Acetate = 1)..... < 1 (n-Butyl Acetate = 1).  
pH..... 10-11.  
VOC Content..... 12%.  
Boiling Point liquid (deg. C)..... 100.  
Melting/Freezing Point (° C)..... Not available.  
Solubility in water..... Soluble in water.  
Aerosol Flame Projection..... Not applicable.  
Flashback..... None.  
Flash Point (° C), Method..... -117 ° C.  
Auto Ignition Temperature (Propellant), ° C.. 460 °C/860 °F.  
Lower Flammable Limit (% Vol)..... 1.8.  
Upper Flammable Limit (% Vol)..... 8.5.  
Coefficient of Water/Oil Distribution..... Not available.  
Viscosity..... Very fluid.

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**Section 10: STABILITY AND REACTIVITY**

Reactivity Conditions..... Product not reactive under normal conditions of use.  
 Stability..... Stable at normal temperatures and pressures.  
 Hazardous Polymerization..... Will not occur.  
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.  
 Incompatibility..... Strong oxidizing agents.  
 Hazardous Products of Decomposition..... May form carbon dioxide and carbon monoxide, various hydrocarbons.

**Section 11: TOXICOLOGICAL INFORMATION**

Route of Exposure..... Skin contact, Skin absorption, Eye contact, Inhalation, and Ingestion.  
 Effects of Acute Exposure..... May cause dermatitis, irritation to eyes, dizziness, and vomiting.  
 Effects of Chronic Exposure..... No known adverse effects .  
 Carcinogenicity of Material..... None known when used below acute toxicity limit.  
 Reproductive Effects..... No information is available, and no adverse effects are expected. Reproductive Effects.  
 Teratogenicity..... No information is available, and no adverse effects are expected.  
 Mutagenicity..... No information is available, and no adverse effects are expected.  
 Toxicological Data

Ingredients	LC50	LD50
Isobutane	658 mg/L (4hrs, rat)	Not available
Isopropyl Alcohol	>20,000 ppm (4hrs-rat)	4,700 - 5,800 mg/kg (oral, rat)
Acetone	50,100 mg/m <sup>3</sup> (8hr, rat)	5,800 mg/kg (oral, rat)
Butyl Cellosolve	450 ppm (4hr, rat)	470 mg/kg (4hr, oral, rat)
Ammonia Solution	2,000 (rat- 4hrs)	Not applicable

**Section 12: ECOLOGICAL INFORMATION**

Ecotoxicological Information..... Not established.  
 Persistence and degradability ..... No data available .  
 Bioaccumulation Potential..... No data available.  
 Other Adverse Effects..... Avoid release to the environment .

**Section 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

**Section 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... AEROSOLS, Class 2.2, UN1950.  
 DOT (US-Road)..... AEROSOLS, Class 2.2, UN1950, LTD QTY, Consumer Commodity ORM-D.  
 IMDG (International- Marine)..... AEROSOLS, Class 2.2, UN1950.  
 IATA (International- Air)..... AEROSOLS, Class 2.2, UN1950, LTD QTY .

**Section 15: REGULATORY INFORMATION**

Canada..... WHMIS Classification. A: Compressed gas. D2B: Material causing other toxic Materials.  
 USA..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory. OSHA (29CFR 1910.1200).

**Section 16: OTHER INFORMATION**

HMIS..... Health: 1 Fire: 2 Reactivity: 0 PPE: B.  
 NFPA..... Health: 1 Fire: 2 Reactivity: 0 Special: -.  
 Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.  
 Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHIMIS: Workplace Hazardous Materials Information System.  
 Prepared by ..... Regulatory Affairs  
 Preparation Date..... Oct04/13

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**Section 16: OTHER INFORMATION**

Last Revision Date .....June 2015