



Well-Worth Products, Inc.  
180 Dutton St.  
Buffalo, NY, 14211  
USA

**PRODUCT: Well-Worth Thunderbolt - 20 OZ.**

**CODE: 5009**

### Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Item Numbers..... 5009  
 Product Identity..... Well-Worth Thunderbolt - 20 OZ.  
 Manufactured for..... Well-Worth Products, Inc.  
 180 Button 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..... Lubricant.  
 Consumer Commodity..... Yes.

### Section 02: HAZARDS IDENTIFICATION



Signal Word..... DANGER.  
 Hazard Statement..... Extremely flammable aerosol. Pressurized container: may burst if heated. Contains gas under pressure; may explode if heated. Harmful if inhaled. Harmful if swallowed .  
 Precautionary Statements:  
 Prevention..... Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source .  
 Response..... IF INHALED: Remove person to fresh air and keep comfortable for breathing .  
 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. %
Propane	74-98-6	10-30
Kerosene	8008-20-6	5-10
Isobutane	75-28-5	5-10
Ethyl Acetate	141-78-6	1-5
Other Ingredients:	Product Contains non hazards lubricants/anti-rust.	

### 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..... Extremely Flammable.  
 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.

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**Section 05: FIRE FIGHTING MEASURES**

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.

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..... Spilled product is flammable. 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.

Spills and Leaks..... Large spill or leak is unlikely in aerosol containers. If spill or leak occurs, ventilate enclosed spaces and disperse gas with floor-level forced-air ventilation. Exhaust vapours outdoors. Do not smoke or operate internal combustion engines. Remove flames and heating elements.

**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..... Store in a cool, dry, well ventilated area, away from heat and ignition sources. 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	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Propane	2,500 ppm	Not available	1,000 ppm	Not available		1,000 ppm
Kerosene	200mg/m3	Not available	Not available	Not available		
Isobutane	800 ppm	1000 ppm	800ppm	Not available		800 ppm (TWA)
Ethyl Acetate						
Other Ingredients:	Product Contains non hazards lubricants/anti-rust.					
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..... Strong stream, little bubbling & little foamy.

Physical Appearance..... Dark gray .

Odor..... Solvent odor.

Odor Threshold (ppm)..... Not available.

Specific Gravity (Liquid)..... Not available.

Specific Gravity (Aerosol)..... 0.865- 0.895 .

Aerosol Vapour Pressure (psig, 21 deg. C)... 70- 100.

Vapour Density (Air=1)..... > 1.

Evaporation Rate (n-Butyl Acetate = 1)..... Not available.

pH..... Not available.

VOC Content..... <35%.

Boiling Point liquid (deg. C)..... 95-110.

Melting/Freezing Point (° C)..... -94.

Solubility in water..... Nil.

Aerosol Flame Projection..... Not available .

Flashback..... Yes.

Flash Point (° C), Method..... Closed cup: -83.15 °C (-117.7 °F).

Auto Ignition Temperature (Propellant), ° C.. 470.85 °C (888.5 °F) .

Lower Flammable Limit (% Vol)..... 1.8.

Upper Flammable Limit (% Vol)..... 8.4.

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**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

Coefficient of Water/Oil Distribution..... Not available.  
 Viscosity..... Not available.

**Section 10: STABILITY AND REACTIVITY**

Reactivity Conditions..... Product not reactive under normal conditions of use.  
 Stability..... Stable under the recommended storage and handling conditions.  
 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, 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..... Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.  
 Reproductive Effects..... No information is available, and no adverse effects are expected.  
 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
Propane	>800,000 ppm (15 min,Inh.rat)	Not available
Kerosene	>5,000 ppm (inh, 4hr, rat)	>5000 mg/kg (oral, rat); >2000 mg/kg (dermal, rabbit)
Isobutane	658 mg/L (4hrs,rat)	Not available
Ethyl Acetate	16,000 ppm (6hr,rat)	5,600 mg/kg (oral,rat)
Other Ingredients:	Product Contains non hazards lubricants/anti-rust.	

**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 2.1, UN1950.  
 DOT (US-Road)..... AEROSOLS, Class 2.1, UN1950, LTD. QTY. OR ORM-D.  
 IMDG (International- Marine)..... AEROSOLS, Class 2.1, UN1950.  
 IATA (International- Air)..... AEROSOLS, Class 2.1, UN1950, LTD QTY.

**Section 15: REGULATORY INFORMATION**

Canada..... WHMIS Classification. A: Compressed gas. B5: Flammable Aerosol. 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: 4 Reactivity: 0 PPE: B.  
 NFPA..... Health: 1 Fire: 4 Reactivity: 0 PPE: B.  
 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. THIS SDS IS VALID FOR THREE YEARS.

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**Section 16: OTHER INFORMATION**

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.

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