



**PRODUCT: Brake Buddy Brake Cleaner 369 g (13 oz.)**

### SECTION 01: IDENTIFICATION

Product Item Numbers..... 1076 (B)  
 Product Identity..... Brake Buddy Brake Cleaner - 369 g (13 oz.)  
 Manufacturer..... Well Worth Products, Inc.  
 180 Dutton Ave  
 Buffalo, NY 14211  
 Ph: (716) 597-0241 FAX: (716) 597- 0217

24 hour emergency telephone number..... CHEMTREC 1-(800) 424-9300

Recommended Use..... Solvent degreaser.

### SECTION 02: HAZARD IDENTIFICATION



**Label Elements:**

Signal Word..... DANGER.  
 Hazard Classification:  
 Physical Hazards..... Flammable Aerosols - Category 1. Gases Under Pressure - Compressed gas.  
 Health Hazards..... Skin Irritation - Category 2. Eye Irritation - Category 2. Specific Target Organ Toxicity, Single Exposure - Category 3. Aspiration Hazard - Category 1.  
 Environmental Hazards..... Not Classified.  
 Hazard Statement..... H222:Extremely flammable aerosol (1). H229:Pressurized container: may burst if heated (1). H280:Contains gas under pressure; may explode if heated (C). H315:Causes skin irritation. H319:Causes serious eye irritation. H336:May cause drowsiness or dizziness. H304:May be fatal if swallowed and enters airways.  
 Precautionary Statements:  
 Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211:Do not spray on an open flame or other ignition source. P251:Do not pierce or burn, even after use. P264:Wash hand thoroughly after handling. P280:Wear protective gloves/protective clothing/eye protection/face protection. P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P271:Use only outdoors or in a well-ventilated area.  
 Response..... P302+P352:IF ON SKIN: Wash with plenty of water. P332+P313:If skin irritation occurs: Get medical advice/attention. P362+P364:Take off contaminated clothing and wash it before reuse. P321:For specific treatment see section 4 on this SDS. P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313:If eye irritation persists: Get medical advice/attention. P304+P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312:Call a POISON CENTER if you feel unwell. P301+P310:IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331:Do NOT induce vomiting.  
 Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. P403+P233:Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.  
 Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.  
 Hazard(s) not otherwise classified (HNOC) None Known.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	65-85
Heptane (including isomers)	64742-49-0	5-10
Carbon dioxide	124-38-9	3-7

**PRODUCT: Brake Buddy Brake Cleaner - 369 g (13 oz.)****SECTION 04: FIRST-AID MEASURES**

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.
Skin Contact.....	Wash thoroughly with soap and lukewarm water.
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.
Ingestion.....	Do not induce vomiting, get medical attention. Consult poison control center or physician IMMEDIATELY.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media.....	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media.....	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Special Protective Equipment and Precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
General Fire Hazards.....	Extremely flammable aerosol.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and Emergency Procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid walking 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 08).
Methods and Materials for Containment and Cleaning Up	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). Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.
Environmental Precautions.....	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour of this product. Avoid contact with skin and eyes. Avoid prolonged exposure. Use in well-ventilated areas.
Conditions for Safe Storage including any Incompatibilities	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Acetone	250 ppm	500 ppm	1,000 ppm (2,400 mg/m <sup>3</sup> )	Not available		Not available
Heptane (including isomers)	1,600 mg/m <sup>3</sup> (RCP-TWA)	Not available	Not available	Not available		Not available
Carbon dioxide	5000 ppm	30000 ppm	9000 mg/m <sup>3</sup>	Not available		STEL: 30000ppm; TWA: 5000ppm
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.					

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## Individual Protection Measures:

Eye/Face Protection.....	Do not get in eyes. Wear safety glasses with side-shields.
Skin Protection.....	Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.
Respiratory Protection.....	Use dust and mist respirator.
Thermal Hazards.....	None Known.
General Hygiene Considerations.....	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment prior to use.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Form.....	Aerosol.
Physical Appearance.....	Narrow powerful stream.
Odor.....	Acetone-like.
Odor Threshold (ppm).....	N/A.
Specific Gravity	
Aerosol Vapour Pressure (psig, 21°C).....	85-95.
Vapour Density (Air=1).....	>1.
pH.....	N/A.
Boiling Point liquid (°C).....	56°C (133°F). (Acetone).
Melting/Freezing Point (°C).....	- 95°C (- 138°F). (Acetone).
Flash Point (°C), Method.....	-9. (ASTM D-56). (Heptane).
Flashback.....	No data .
Evaporation Rate (n-Butyl Acetate = 1).....	N/A.
VOC Content.....	<10%.
Solubility in water.....	Nil.
Aerosol Flame Projection.....	No data.
Auto Ignition Temperature (°C).....	265. (Heptane).
Lower Flammable Limit (% Vol).....	1.1. (Heptane).
Upper Flammable Limit (% Vol).....	7.0. (Heptane).
Coefficient of Water/Oil Distribution.....	N/A.
Viscosity.....	0.49 cSt (0.49 mm2/sec) at 40 °C. (Heptane).

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity .....	Product not reactive under normal conditions of use.
Chemical Stability.....	Material is stable under normal conditions.
Possibility of Hazardous Reactions.....	Will not occur.
Conditions to Avoid.....	Avoid sources of heat and flame, and electrostatic charge.
Incompatible Materials.....	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products.....	Carbon Oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Acetone	71 mg/L (Rat - 4 hrs)	5,800 mg/kg (Oral - Rat); >15,800 mg/kg (Dermal - Rabbit)
Heptane (including isomers)	>23.3 mg/L (Rat - 4 hrs)	>5,840 mg/kg (Oral - Rat); >2,920 mg/kg (Dermal - Rat)
Carbon dioxide	Not available	Not available

## Information on Likely Routes of Exposure:

Routes of entry - Inhalation.....	Yes.
Routes of entry - Skin & Eye.....	Yes.
Routes of entry - Ingestion.....	Yes.
Routes of entry - Skin Absorption.....	No.
Symptoms Related to the Physical, .....	Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Chemical and Toxicological Characteristics	
Acute Toxicity.....	Toxic if inhaled.
Skin Corrosion/Irritation.....	Causes skin irritation.
Serious Eye Damage/Eye Irritation.....	Causes eye irritation.
Respiratory or Skin Sensitization.....	Inhalation may cause respiratory tract irritation.
Germ Cell Mutagenicity.....	No information is available.
Carcinogenicity.....	None known.
Reproductive Toxicity.....	No information is available.

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STOT - Single Exposure.....	Specific target organ toxicity single exposure Category 3. May cause drowsiness and dizziness.
STOT - Repeated Exposure.....	May cause damage to the liver and kidneys through prolonged or repeated exposure.
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.
Chronic Effects.....	Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. Acetone (CAS#: 67-64-1): Toxicity to fish: LC50 >100 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: 10294 mg/L, 48 hrs; Toxicity to algae: not available. Heptanes including isomers (CAS#: 64742-49-0): Toxicity to fish: LL50 > 13.4 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: EL50 3 mg/L, 48 hrs; Toxicity to algae: EL50 10-30 mg/L, 72 hrs. Chronic Toxicity Daphnia magna: NOEC 0.17 mg/L 21 days.
Persistence and degradability .....	The product itself has not been tested.
Bioaccumulation Potential.....	The product itself has not been tested.
Mobility in Soil.....	The product itself has not been tested.
Other Adverse Effects.....	None Known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
DOT (US-Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.
IMDG (International- Marine).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
IATA (International- Air).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:.....	Refer to Section 2 for a WHMIS 2015 Classification for this product.
Domestic Substances List (DSL).....	Yes.
US Regulations.....	Environmental Protection Act: Constituents of this product are included on the TSCA inventory. This product is considered hazardous under the OSHA Hazard Communication Standard.

**SECTION 16: OTHER INFORMATION**

Disclaimer.....	The information contained herein is based on data considered accurate. No guarantee or 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 vendors or users or third parties, caused by the material. Such vendors 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; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.
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