

MSDS

Revised 25 July 1996 Printed 12 May 2002

WELLER WB1 & WB2 - BUTANE**Manufacturer's Name:**IKI Manufacturing Co.
116 North Swift Street
Edgerton, WI 53534**Emergency Telephone Number:**

608-884-3411

Origination Date: July 25, 1996**Revision Date:** April 30, 1999**Distributor Name:**Cooper Tools
3535 Glenwood Avenue
Raleigh, NC 27612
Information: 919-783-2126**MATERIAL IDENTIFICATION**

Phone Number:	705-726-5564
Transportation Emergency:	CHEMTREC 800-424-9300

Chemical Trade Name, synonyms:	LP Gas, Isobutane, A-31
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Chemical Family:	Hydrocarbon, LP Gas
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Chemical Formula:	C ₄ H ₁₀
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COMPONENTS

Material	CAS Number	PEL/TLV, Source	Percent
Isobutane	75-28-5	Not Established	100

PHYSICAL DATA

Boiling Range	10.9 deg.F
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Pressure in can at 70 deg.F	Approx. 31 psig
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Vapor Density (Air=1)	2.066
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Solubility in water	Less than 0.1% by weight @70F
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Specific Gravity (Water=1)	0.5631
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Percent Volatile by weight	100%
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Evaporation Rate (BuAcp=1)	Gas
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Appearance and odor	Liquefied compressed gas, flash evaporates at room temperature when released from can, colorless gas with strong mercaptan (skunk-like) odor due to stanching agent added to gas for leak detection purposes.
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HAZARDOUS REACTIVITY

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Stability	Stable
Conditions to avoid	Heat, sparks, flames, strong oxidizers.
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Carbon monoxide, other carbon oxides.

FIRE AND EXPLOSION DATA

Flammability Category	Extremely Flammable (<i>Reference - Consumer Product Commission, flame projection test for aerosol products, per 16 CFR 1500.45</i>)
Flash Point	Less than - 117°F
Flammable Limits	LEL% 1.8 UEL% 8.4
Extinguishing Media	Foam, Dry Chemical, Carbon dioxide.
Unusual Fire and Explosion Hazards	Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F. Do not puncture or incinerate.
Special Fire Fighting Procedures	Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. This product is extremely flammable at all times. Keep away from any sources of inadvertent ignition, including heat, fire, sparks, or flame.

HEALTH HAZARD INFORMATION

Suggested Exposure Guideline Not Established

Primary Route of Exposure	Inhalation, skin contact
Inhalation	Dizziness, disorientation, headache, anesthesia.
Skin Contact	Vapors are not irritating. Freeze burns or frostbite possible if skin is in prolonged contact with vaporizing liquid.
Eye Contact	Same as skin contact.
Carcinogenicity	None of the components in this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

WARNING: This fuel, and byproducts of combustion of this fuel, contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

FIRST AID

Inhalation	Remove to fresh air. Artificial respiration, consult physician.
Skin Contact	Wash with soap and water. Remove soaked clothing to avoid prolonged skin contact.

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Eye Contact	Flush eyes well with running water for 15 minutes.
Ingestion	NA, product is gaseous at normal temperature and pressure.

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Protect from any ignition source, keep away from heat, fire, sparks, or flame. Ventilate area well. Avoid accumulation of vapor at low levels.
Waste disposal method	Dispose of in accordance with all local, state and federal regulations. Do not puncture or incinerate.

SPECIAL PROTECTION INFORMATION

Respiration Protection	If TLV is exceeded wear NIOSH-approved self-contained breathing device or respirator.
Ventilation	Must be adequate to maintaining airborne concentrations below established exposure limits, particularly at floor level as vapors are heavier than air.
Protective gloves	None needed for normal use. Thermal insulated gloves when handling if prolonged exposure expected.
Eye Protection	Safety glasses or goggles recommended

HANDLING AND STORAGE PRECAUTIONS

Precautions to be taken in handling and storage	Do not store where temperature may exceed 120°F. Store away from, fire, sparks, or flame. Store in suitable area for hazardous materials storage.
D.O.T. Shipping Classification	Liquefied petroleum gas, 2.1
Hazard Class	2.1
ID Number	UN1075
Label Required	Flammable Gas

SPECIAL PRECAUTIONS

Precautions for usage	Do not use near heat, fire, flame or sparks. Avoid excessive breathing of vapor. Do not spray in direction of body. Use only in accordance with directions.
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Notice: This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.

End of MSDS

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