



SAFETY DATA SHEET

1. Product Identification

Champion Brands, LLC
1001 Golden Drive
Clinton, MO 64093
(660) 885-8151

Product line: CHAMPION® Wipe-R-Clean
Products: 4303
CAS: Not applicable (Mixture)
Synonyms: Aerosol cleaner
Recommended use: Window and glass cleaner
Restrictions: Do not use near heat/sparks/open flames.
Created: 23 July 2012
Revised: 19 November 2019
Emergency phone: CHEMTREC: (+1) 800-424-9300

2. Hazards Identification

Appearance: Clear, colorless liquid
Odor: Alcohol/solvent odor
Classification(s): Flammable Aerosol, Category 1
Target organs: None known
Symbol(s):



Signal Word: DANGER
Hazard Statement(s): Extremely flammable aerosol.
Other hazard(s): Repeated exposure may cause dryness of the skin. Though this product has minimal toxicity, it can be absorbed through the skin. May also cause corneal damage or conjunctivitis with prolonged or repeated eye exposure.
Precaution(s): Keep away from heat/sparks/open flames/hot surfaces – no smoking. Do not breathe mist/vapors/spray. Use in a well ventilated area. Do not use without protective eyewear. Wear protective gloves/protective clothing.

Disposal: Keep out of waterways. Check local, national, and international regulations for proper disposal

3. Composition/Information on Ingredients

Hazardous Ingredients:

<i>Component</i>	<i>CAS No.</i>	<i>Conc (wt%)</i>
Isopropanol	67-63-0	3 – 5
2-Butoxyethanol	111-76-2	3 – 5
Propane	74-98-6	1 – 3
n-Butane	106-97-8	1 – 3

4. First Aid Measures

Eyes	Remove contact lenses, if worn. Immediately rinse with running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention if irritation develops or persists.
Skin	Remove affected clothing and launder before reuse. Wash affected area for at least 15 minutes with soap and running water. Get medical attention if irritation develops or persists.
Inhalation	Remove exposed person to fresh air immediately. Restore or assist breathing, if necessary. Get medical attention if victim has difficulty breathing or loses consciousness.
Ingestion	Do not induce vomiting. If vomiting occurs, keep head below hips to minimize risk of aspiration. Give one glass of water if symptoms develop, get medical advice.
Additional Info	Note to physician: Contains isopropanol and 2-butoxyethanol
Specific Treatments	None

5. Fire Fighting Measures

NFPA (estimated):	Health – 1 Fire – 3 Instability – 0
Flash Point	-104.4°C / -156°F
Extinguishing Media	CO ₂ , dry chemical, water spray, aqueous film forming foam (alcohol resistant) type with 3% or 6% foam proportioning system.
Unsuitable Media	None specified

Firefighting Procedures: Isolate and restrict area access. Use water spray to cool down contains and prevent build-up of pressure. Fire fighters must wear full face, positive pressure, self-contained breathing apparatus or airline and appropriate protective fire fighting clothing as per NFPA.

Unusual Hazards In lean conditions, flame may be only faintly visible. Vapors may travel long distances along the ground and may be ignited from distant sources. See section 10 for additional information

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Flammable aerosol. Do not walk through spilled material. Keep unnecessary personnel away. Wear appropriate personal protective equipment for emergency. Ventilate if released in a confined area. Eliminate sources of ignition if it is safe to do so.

Environmental precautions: Avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways or groundwater

Methods for removal: Use an explosion-proof pump to remove bulk liquid. Residual liquid can be absorbed on inert material. **Use only non-sparking tools.**

7. Handling and Storage

Max. Handling Temp: Do not store or handle at elevated temperatures. See Section 5 for flammability and Section 10 for chemical stability

Procedures: Use only in a well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Use appropriate containment to avoid environmental contamination. Vapors are heavier than air and will tend to accumulate in low areas. Avoid use in confined areas without adequate ventilation. Areas of inadequate ventilation could contain concentrations high enough to cause eye irritation, headaches, intoxication, nervous system depression or methanol poisoning. Avoid breathing dust, fume, gas, mist, vapors, or spray. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of the product. Do not weld, heat, or pressurize empty containers. Do not re-use containers.

Dispose of packaging or containers in accordance with local, regional, national, and international regulations. Store away from strong oxidizers

Max Store Temp: Do not store or handle at elevated temperatures.

8. Exposure Controls/Personal Protection

Exposure Limits

US

Guidelines by component

Isopropyl alcohol (CAS # 67-63-0)

OSHA TWA: 400 ppm

ACGIH TWA: 200 ppm

ACGIH STEL: 400 ppm

2-Butoxyethanol (CAS # 111-76-2)

OSHA TWA: 50 ppm

ACGIH TWA: 20 ppm

Propane (CAS # 74-98-6)

OSHA TWA: 1000 ppm

ACGIH TWA: 1000 ppm

n-Butane (CAS # 106-97-8)

ACGIH TWA: 1000 ppm

Other Exposure Limits: Not determined

Engineering Controls: Use in a well ventilated area. Local and general ventilation should keep methanol vapor concentration below permissible limits. Where exposure potential exceeds recommended limits, use a NIOSH/OSHA approved supplied air respirator as recommended. Vapors are heavier than air and will tend to accumulate in low-lying areas.

Personal Protective Equipment

Respiratory: Use an approved respirator when concentrations exceed exposure control limits. In very high exposure situations, use a positive-pressure supplied air respirator.

Eye: Face shield or chemical splash goggles

Gloves: Use butyl rubber or nitrile rubber gloves.

Clothing: Use chemical resistant pants and jackets, preferably of butyl or nitrile rubber

Other: Locate the nearest eyewash station and safety shower before handling this product. Limit exposure whenever possible. Consider flammability and always use non-sparking tools.

Hygiene: Wash thoroughly after handling this product.

9. Physical and Chemical Properties

Appearance	Compressed, liquefied gas
Odor	Alcohol/solvent odor
Odor threshold	Not determined
pH	9.5 – 10.5
Melting Point	Not determined
Initial Boiling Pt	97.2°C / 206.6°F
Flash Point	-104.4°C / -156°F
Evaporation Rate	Not determined
Upper Flammable Lm	Not determined
Lower Flammable Lm	Not determined
Explosive Data	Vapors of this product may form explosive mixtures with air
Flammability (HOC)	4.006 KJ/g estimated
Vapor Pressure	Not determined
Vapor Density	>1 (where air = 1)
Volatile Organics	Not determined
Density	0.957 mg/cu. cm @15.6°C
Solubility	Completely soluble in water
K_{ow}	Not determined
Viscosity	Not determined
Autoignition Point	Not determined
Decomposition Temp	Not determined

10. Stability and Reactivity

Stability	Material is normally stable at ambient temperatures and pressures. High risk of ignition.
Decomposition Temp	Not determined
Incompatibility	Oxidizers and strong acids or bases. Contact with these materials may cause violent or explosive reactions.
Polymerization	Will not occur
Thermal Decomposition	Primarily oxidizes to carbon dioxide in normal combustion conditions. In lower oxygen environments carbon monoxide, or other carbon oxides
Conditions to Avoid	Flammable aerosol – keep away from strong oxidizers, acids, bases as well as heat/sparks/open flames/hot surfaces

11. Toxicological Information

- Acute Exposure -

Eye Irritation	Expected to cause mild to moderate irritation of the eye if exposed to liquid or in high vapor concentrations. May cause irritation, tearing, or burning of the eyes.
Skin Irritation	May cause drying, cracking or minor irritation of the skin.
Respiratory Irritation	May cause irritation to the respiratory system
Dermal Toxicity	Low order of dermal toxicity (LD50: 5577mg/kg estimated, rat, dermal)
Inhalation Toxicity	Low order of respiratory toxicity, however product may be dangerous in high exposure situations (LC50: 55mg/l/4h estimated, rat, inhalation)
Oral Toxicity	Low order of toxicity, but may be harmful or fatal in the unlikely event that very large quantities are ingested.
Aspiration Hazard	Not likely to pose aspiration hazard

- Chronic Exposure -

Chronic Toxicity	This product may cause dryness or defatting of the skin, dermatitis, or may aggravate existing skin conditions.
Carcinogenicity	This product and its components are NOT listed by the IARC, NTP, ACGIH, or OSHA as carcinogens
Mutagenicity	Available information does not suggest that this product is a germ cell mutagen
Reproductive Toxicity	Available information does not suggest that this product is a reproductive toxin.
Teratogenicity	Available information does not suggest that this product is a teratogen.

- Additional Information -

Target organ toxicity	Product is toxic to organs: Central nervous system, eyes. Isopropyl alcohol is toxic to the nervous system and eyes, and may cause damage if ingested in very large quantities.
Synergistic effects	None known
Pharmacokinetics	Not known

12. Ecological Information

- Environmental Toxicity -

Fish	Acute LC50 = 27671 mg/l/96h, fish
Invertebrates	Acute EC50 = 22805 mg/l/48h, daphnia
Algae	Acute LC50 = 7853 mg/l/72h, algae
Bacteria	Not determined

- Environmental Fate –

Biodegradation	This product easily biodegrades in water and soil. Products of biodegradation are carbon dioxide and water.
Bioaccumulation	Product is very mobile in soil and water and is volatile – it is not expected to bioaccumulate.
Soil Mobility	Product has high mobility in soil, and evaporates easily at environmentally relevant temperatures
Other Effects	Not determined

13. Disposal Considerations**Disposal Considerations**

All disposal practices must be in accordance with local, regional, national, and international regulations. Store material for disposal as indicated in Section 7. Disposal by controlled incineration or by secure land fill may be acceptable – review applicable regulations or regulatory bodies before making disposal decisions.

Contaminated Containers or Packaging

Empty containers are likely to contain flammable vapors or explosive mixtures of vapor and air. Do NOT weld, cut, or grind empty containers. Rinse empty containers with water and dispose of in accordance with local, regional, national, and international regulations

14. Transportation Information

Description shown may not apply to all shipping situations. Consult applicable shipping codes to determine any additional shipping requirements

US DOT	ORM-D, Consumer Commodity
IMDG	UN 1950, Aerosols, Class 2.1 LTD QTY, 5F
ICAO/IATA	UN 1950, Aerosols (flammable), Class 2.1 LTD QTY

15. Regulatory Information**- Global Chemical Inventories/Regulations –**

USA	All components of this material are on the US TSCA
Other TSCA Reg.	None known
EU	Components of this product and similar mixtures are NOT registered under REACH. Consult the European Chemicals Agency regarding REACH registration, reporting, and other legal requirements for methanol solutions before importing to the EU.
New Zealand	May require notification before sale under New Zealand Regulations

Canada All components of this product are listed on the Canadian Domestic Substances List (DSL).

- Other U.S. Federal Regulations -

SARA Ext. Haz. Subst. No chemicals in this product are listed on the SARA 302 Extremely Hazardous Substances list.

SARA Sect. 313 This product contains 2-butoxyethanol (CAS # 111-76-2) and isopropyl alcohol (CAS # 67-63-0), found in SARA 313. See 40 CFR 372

SARA 311/312 Class

<i>Acute Hazard</i>	- YES
<i>Chronic Hazard</i>	- YES
<i>Fire Hazard</i>	- YES
<i>Pressure Hazard</i>	- YES
<i>Reactivity Hazard</i>	- NO

CERCLA Haz. Sub. 2-butoxyethanol (CAS # 111-76-2) and isopropyl alcohol (CAS # 67-63-0) are listed. See 40 CFR 302

- State Regulations -

CA Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

<i>Right to Know Component</i>	<i>Right to Know States</i>
2-Butoxyethanol (CAS # 111-76-2)	NJ, PA
Isopropanol (CAS # 67-63-0)	NJ, PA, MA
n-Butane (CAS # 106-97-8)	NJ, PA, MA
Propane (CAS # 74-98-6)	NJ, PA, MA

16. Other Information

Revision updates may be in many sections and the MSDS should be read in its entirety. Prepared according to the UN Globally Harmonized System for the Classification and Labeling of Chemicals (GHS) by Champion LLC, 1001 Golden Drive, Clinton, Missouri 64735.

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