



# SAFETY DATA SHEET

Issuing Date 21-Jun-2018

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Revision Number 1

*This document complies with the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.*

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** CB-4 Bio Chainbrite

### Other means of identification

**Product Code(s)** CB-4

**Synonyms** CB-4

### Recommended use of the chemical and restrictions on use

**Recommended Use** Solvent based cleaner for bicycles and bicycle parts

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
Park Tool Company  
5115 Hadley Avenue N  
St Paul, MN 55128  
651-777-6868

### Emergency telephone number

**Emergency Telephone Number** CHEMTREC: 1-800-424-9300 for US/ 703-527-3887 outside US

## 2. HAZARDS IDENTIFICATION

### Classification

This product is not considered hazardous according to the criteria set within the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

Not classified

### Label Elements

**Signal Word**  
None

**Physical and Health Hazards Not Otherwise Classified**

Not applicable.

**Precautionary Statements****Prevention**

- None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Other information**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Synonyms**

CB-4

Chemical Name	CAS-No	Weight %	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	29911-28-2	1-5	-	-

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash skin with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately if symptoms occur.
<b>Protection of First-aiders</b>	None under normal use.

**Most important symptoms/effects, acute and delayed****Most Important Symptoms/Effects** None known**Indication of immediate medical attention and special treatment needed, if necessary****Notes to Physician** Treat symptomatically.**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam. Keep containers and surroundings cool with water spray.**Unsuitable Extinguishing Media** No information available

**Specific Hazards Arising from the Chemical** May be ignited by heat, sparks or flames. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). If containers are not cooled in a fire, they may rupture and ignite. Rags soaked with this solvent can present a fire hazard and should be stored in approved, covered containers. Improperly stored rags can spontaneously combust under certain conditions.

**Hazardous Combustion Products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NOx).

**Explosion Data**

**Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

Yes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Material may float on water, avoid spreading the fire.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

Deny entry to unauthorized and unprotected personnel. Do not touch or walk through spilled material. Ensure adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.

**Environmental Precautions**

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent from entering into soil, ditches, sewers, waterways, and/ or groundwater. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up**

**Methods for Containment**

Dike to contain spill.

**Methods for Cleaning Up**

Soak up with inert absorbent material. Clean up promptly by sweeping or vacuum.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapors. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Empty containers may contain hazardous residues. This material can accumulate static charges, which can cause an incendiary electrical discharge and create a fire. Follow proper grounding procedures.

**Conditions for safe storage, including any incompatibilities**

**Storage**

Store in a cool, dry place. Keep away from heat. Keep away from direct sunlight. Keep container closed when not in use. Keep away from incompatible materials.

**Incompatible Products**

Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Measures**                      Showers  
    Eyewash stations  
    Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      Tightly fitting safety goggles.  
**Skin and Body Protection**                Wear suitable protective clothing Protective gloves.  
**Respiratory Protection**                 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures**                        Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash hands before eating, drinking or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid.	<b>Appearance</b>	Clear.
<b>Odor</b>	Pine.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	Not applicable	None known
Melting Point/Range	Not applicable	None known
Boiling Point/Boiling Range	Not applicable	None known
Flash Point	> 100 °C / > 212	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	None known
Specific Gravity	0.882	No units, but stated at a given temperature
Water Solubility	Emulsifies	None known
Solubility in other solvents	Soluble in hydrocarbons	None known
Partition coefficient: n-octanol/water	Not applicable	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	Not applicable	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**Other information**

**VOC Content (%)**                            Not applicable.

**10. STABILITY AND REACTIVITY**

**Reactivity**                                    No data available.

**Chemical stability**                        Stable under recommended storage conditions.

**Possibility of hazardous reactions**    None under normal processing.

**Hazardous Polymerization**            None under normal processing.

**Conditions to avoid**                      Heat, flames and sparks.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation** No known effect based on information supplied.  
**Eye Contact** No known effect based on information supplied  
**Skin Contact** No known effect based on information supplied  
**Ingestion** No known effect based on information supplied

### Numerical measures of toxicity - Product

**LD50 Oral** > 5,010 mg/kg; (rat)  
**Inhalation dust/mist** > 5.4 mg/L; (rat, 4 hr)

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	= 3700 mg/kg ( Rat )	>2000 mg/kg ( Rabbit )	= 42.1 ppm ( Rat ) 4 h

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** None known

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Respiratory or Skin Sensitization** Based on available data, the classification criteria are not met  
**Germ Cell Mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive Toxicity** Based on available data, the classification criteria are not met.  
**Developmental Toxicity** Based on available data, the classification criteria are not met.  
**STOT - single exposure** Based on available data, the classification criteria are not met  
**STOT - repeated exposure** Based on available data, the classification criteria are not met  
**Aspiration Hazard** None of the ingredients are known to be an aspiration hazard.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not classified

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
2-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2		LC50 96 h: = 841 mg/L static (Poecilia reticulata)		

**Persistence and Degradability** No information available

**Bioaccumulation** No information available

**Mobility** No information available

**Other Adverse Effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

### 15. REGULATORY INFORMATION

#### International Regulations

**Ozone depleting substances** Not applicable

**Persistent Organic Pollutants** Not applicable

**Hazardous Waste** Not applicable

**The Rotterdam Convention (Prior Informed Consent)** Not applicable

**International Convention for the Prevention of Pollution from Ships (MARPOL)** Not applicable

#### International Inventories

**TSCA** Contact supplier for inventory compliance status

**DSL/NDL** Contact supplier for inventory compliance status

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### U.S. State Regulations

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

16. OTHER INFORMATION				
<b>NFPA</b>	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 1	Flammability 1	Physical Hazard 0	Personal Protection X
<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501			
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<b>Revision Note</b>	Initial Release.			

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**