

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product code** 083-065-025  
**Material name** JB (TM) Bore Cleaner, 1/4 oz.  
**Version #** 03  
**Revision date** 05-24-2011  
**CAS #** Mixture  
**Manufacturer information** BROWNELLS, INC.  
200 South Front Street  
Montezuma, Iowa 50171 United States  
www.brownells.com  
(641)-623-5401  
24 hour Emergency Number, Call Collect: +1(352)-323-3500

## 2. Hazards Identification

**Emergency overview** Harmful in contact with eyes. Irritating to skin. Prolonged exposure may cause chronic effects.  
**OSHA regulatory status** This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential health effects**  
**Routes of exposure** Ingestion. Skin contact. Eye contact.  
**Eyes** Contact may irritate or burn eyes. Eye contact may result in corneal injury. Do not get this material in contact with eyes.  
**Skin** Irritating to skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Avoid contact with the skin.  
**Inhalation** Health injuries are not known or expected under normal use.  
**Ingestion** Components of the product may be absorbed into the body by ingestion. Do not ingest.  
**Target organs** Eyes. Skin. Central nervous system.  
**Chronic effects** Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.  
**Signs and symptoms** Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Conjunctivitis. Defatting of the skin. Skin irritation. Rash.  
**Potential environmental effects** Ecological injuries are not known or expected under normal use.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
KEROSENE	8008-20-6	2.5 - 10

## 4. First Aid Measures

**First aid procedures**  
**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.  
**Skin contact** Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops and persists.  
**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.  
**Ingestion** Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Call a physician immediately.  
**Notes to physician** Symptoms may be delayed.

**General advice** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire Fighting Measures

**Flammable properties** The product is not flammable. No unusual fire or explosion hazards noted.

**Extinguishing media**

**Suitable extinguishing media** Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Protection of firefighters**

**Protective equipment and precautions for firefighters** In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

## 6. Accidental Release Measures

**Methods for cleaning up** Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Following product recovery, flush area with water.

## 7. Handling and Storage

**Handling** Do not get this material in contact with eyes. Avoid contact with skin. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Handle and open container with care.

**Storage** Store in a well-ventilated place. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Use care in handling/storage.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### ACGIH

Components	CAS #	Type	Value	Form
KEROSENE	8008-20-6	TWA	200 mg/m3	Non-aerosol.

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Eye / face protection** Do not get in eyes. Chemical goggles are recommended.

**Hand protection** Wear protective gloves.

**Skin protection** Avoid contact with the skin. Wear appropriate chemical resistant clothing. Chemical resistant gloves.

**Respiratory protection** No personal respiratory protective equipment normally required.

**General hygiene considerations** Do not get in eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

**Appearance** dark Paste.

**Color** Not available.

**Odor** Mild Petroleum Odor

**Odor threshold** Not available.

**Physical state** Solid.

**Form** Solid.

**pH** Not available.

**Melting point** Not available.

**Freezing point** Not available.

**Boiling point** 482 °F (250 °C) estimated

**Flash point** Not available.

**Evaporation rate** Not available.

<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	0.64 hPa estimated
<b>Vapor density</b>	Above 1.0
<b>Specific gravity</b>	0.8001 estimated
<b>Relative density</b>	0.8 lb/cu ft estimated
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	410 °F (210 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>VOC</b>	0 % estimated
<b>Percent volatile</b>	0 % estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological Information

### Sensitization

#### US ACGIH Threshold Limit Values: Skin designation

KEROSENE 8008-20-6 Can be absorbed through the skin.

**Local effects** Components of the product may be absorbed into the body through the skin. Irritating to skin. Contact may irritate or burn eyes.

**Chronic effects** Hazardous by OSHA criteria. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged exposure may cause chronic effects.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### US ACGIH Threshold Limit Values: A3 carcinogen

KEROSENE 8008-20-6 A3 Confirmed animal carcinogen with unknown relevance to humans.

**Epidemiology** Hazardous by OSHA criteria.

**Neurological effects** Hazardous by OSHA criteria.

**Further information** Symptoms may be delayed.

## 12. Ecological Information

**Ecotoxicity** This product has no known eco-toxicological effects.

**Persistence and degradability** Not available.

## 13. Disposal Considerations

**Disposal instructions** This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not applicable.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**15. Regulatory Information****US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

**Section 302 extremely hazardous substance**

No

**Section 311 hazardous chemical**

Yes

**State regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US - Massachusetts RTK - Substance: Listed substance**

KEROSENE 8008-20-6 Listed.

**US - New Jersey Community RTK (EHS Survey): Reportable threshold**

KEROSENE 8008-20-6 10000 LBS

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

KEROSENE 8008-20-6 Listed.

**US - Rhode Island RTK - Hazardous Substances: Listed substance**

KEROSENE 8008-20-6 Listed.

**Inventory status****Country(s) or region****Inventory name****On inventory (yes/no)\***

Europe

European Inventory of New and Existing Chemicals (EINECS)

Yes

Europe

European List of Notified Chemical Substances (ELINCS)

No

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information****Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 2\*

Flammability: 0

Physical hazard: 0

**NFPA ratings**

Health: 2

Flammability: 0

Instability: 0

**Completed by**

3E Company/MSDgen 5.0

**Issue date**

05-24-2011