

SAFETY DATA SHEET

1. Identification

Product identifier J-B (R) NON-EMBEDDING BORE CLEANING COMPOUND, 1/4 OZ.

Other means of identification

Product code 083-065-025

Recommended use Gun bore treatment.

Recommended restrictions Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name BROWNELLS, INC.
Address 200 South Front Street
Montezuma, Iowa 50171
United States

Telephone (641) 623-5401

Website www.brownells.com

E-mail Not available.

Emergency phone number INFOTRAC Registrant #79335

24 hour Emergency Number, Domestic: (800) 457-4280
24 hour Emergency Number, Foreign: +1(352) 323-3500

2. Hazard(s) identification

Physical hazards Not available.

Health hazards Carcinogenicity Category 1B

Environmental hazards Not available.

OSHA defined hazards Not available.

Label elements



Signal word Danger

Hazard statement May cause cancer.

Precautionary statement

Prevention Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

Response If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes. If swallowed: Do not induce vomiting. Drink plenty of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops and persists.

Storage Store in a closed container away from incompatible materials. Store in a well-ventilated place. Keep out of reach of children.

Disposal Dispose of in accordance with current, applicable local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC)

Not available.

Hazard(s) not otherwise classified (HNOC) Not available.

Supplemental information Not available.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
PETROLATUM		8009-03-8	40 - < 50
ALMANDINE AND PYROPE GARNET		1302-62-1	10 - < 20
STEARIC ACID		57-11-4	10 - < 20
DISTILLATES (PETROLEUM), STRAIGHT-RUN MIDDLE		64741-44-2	5 - < 10
SOYBEAN OIL		8001-22-7	5 - < 10
TRIETHANOLAMINE		102-71-6	1 - < 3

#: This substance has workplace exposure limit(s).

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Composition comments The full text for all R-phrases is displayed in Section 16 of the SDS.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Skin contact	Remove and isolate contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
Ingestion	Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if irritation develops. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Most important symptoms/effects, acute and delayed	Generally non- irritating to the eye or skin. Mild irritation and redness may occur to the skin and eyes through excessive contact. May have irritation laxative effect if swallowed. Due to low volatility at room temperature, exposure to vapor is minimal. Product is not anticipated to be hazardous from a single inhalation exposure.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Keep victim warm. In case of shortness of breath, give oxygen. Symptoms may be delayed.
General information	Get medical attention if irritation develops or persists. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet (SDS) to the doctor in attendance. Keep victim warm and under observation. In case of shortness of breath, give oxygen.

5. Fire-fighting measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Avoid extinguishing media unsuitable for surrounding materials.
Specific hazards arising from the chemical	The product is not flammable.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and NIOSH approved self-contained breathing apparatus (SCBA).
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers can burst violently when heated, due to excess pressure build-up. Use water to cool containers exposed to fire and heat.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
Hazardous combustion products	Oxides of carbon. Smoke or vapors.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep people away from and upwind of spill/leak. Keep unnecessary personnel away. Ensure adequate ventilation. Avoid inhalation of dust and vapors. Wear appropriate protective equipment and clothing during clean-up. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods and materials for containment and cleaning up

Stop leak if you can do so without risk. Contain released content with oil/solvent absorbent, booms, or absorbent pads.

Clean up in accordance with all applicable regulations.

Large Spills: Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Keep out of waterways, drains, ditches, and sewers. Avoid release to the environment.

7. Handling and storage

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Handle and open container with care. Minimize dust generation and accumulation. Avoid breathing dust/fume/gas/mist/vapors/spray. Use this product with adequate ventilation. Do not get in eyes, on skin, or on clothing. Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Store in a closed container away from incompatible materials. See Section 10 of the SDS for incompatible materials. Store in a well-ventilated place. Use care in handling/storage. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
PETROLATUM (CAS 8009-03-8)	PEL	5 mg/m3	Mist.
SOYBEAN OIL (CAS 8001-22-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
PETROLATUM (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.
STEARIC ACID (CAS 57-11-4)	TWA	10 mg/m3	
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
PETROLATUM (CAS 8009-03-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
SOYBEAN OIL (CAS 8001-22-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Mist.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection	Do not get in eyes. Chemical goggles are recommended.
Skin protection	
Hand protection	Wear protective gloves.
Other	Wear suitable protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required.
Thermal hazards	Not available.

General hygiene considerations	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 to remove contaminants. When using, do not eat, drink or smoke. Do not get in eyes, on skin, on clothing.
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9. Physical and chemical properties**Appearance**

Physical state	Liquid.
Form	Paste.
Color	Tan.

Odor	Mild.
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Odor threshold	Not available.
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pH	Not available.
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Melting point/freezing point	> 30 °F (> -1.11 °C)
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Initial boiling point and boiling range	> 510 °F (> 265.56 °C)
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Flash point	> 275.0 °F (> 135.0 °C)
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Evaporation rate	Not available.
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Flammability (solid, gas)	Not available.
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Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
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Flammability limit - upper (%)	Not available.
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Explosive limit - lower (%)	Not available.
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Explosive limit - upper (%)	Not available.
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Vapor pressure	Not available.
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Vapor density	9.800 g/cc Maximum
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Relative density	1.030 g/cc
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Solubility(ies)

Solubility (water)	Not available.
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Partition coefficient (n-octanol/water)	Not available.
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Auto-ignition temperature	> 662 °F (> 350 °C)
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Decomposition temperature	Not available.
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Viscosity	Not available.
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Other information

VOC (Weight %)	0.15 lb/gal
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10. Stability and reactivity

Reactivity	Not available.
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Chemical stability	Material is stable under normal conditions.
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Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
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Conditions to avoid	Heat, flames, sparks and red hot metal. Contact with incompatible materials.
Incompatible materials	Alkalis. Alcohols. Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Avoid breathing dust/fume/gas/mist/vapors/spray. Due to low volatility at room temperature, exposure to vapor is minimal. Product is not anticipated to be hazardous from a single exposure.
Skin contact	Do not get this material in contact with skin. Generally non-irritating. Mild irritation or redness may occur through excessive contact.
Eye contact	Do not get this material in contact with eyes. Generally non-irritating. Mild irritation or redness may occur through excessive contact. Eye contact may result in corneal injury.
Ingestion	Do not ingest. May have irritation laxative effect if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics	Generally non-irritating to the eye or skin. Mild irritation and redness may occur to the skin and eyes through excessive contact. Due to low volatility at room temperature, exposure to vapor is minimal. Product is not anticipated to be hazardous from a single inhalation exposure.
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Information on toxicological effects

Acute toxicity	Acute toxicity: Not available.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Not available.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	Not available.
Germ cell mutagenicity	Not available.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

DISTILLATES (PETROLEUM), STRAIGHT-RUN MIDDLE (CAS 64741-44-2)	3 Not classifiable as to carcinogenicity to humans.
TRIETHANOLAMINE (CAS 102-71-6)	3 Not classifiable as to carcinogenicity to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

PETROLATUM (CAS 8009-03-8)	Known To Be Human Carcinogen.
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Reproductive toxicity	Not available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not available.
Chronic effects	Mild irritation and redness may occur to the skin and eyes through excessive contact. May be harmful if absorbed through skin. 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.

12. Ecological information

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Disposal considerations

Disposal instructions	Dispose of in accordance with current, applicable local, state, and federal regulations.
Waste from residues / unused products	Not available.

Contaminated packaging

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

14. Transport information**DOT**

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

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

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312

No

Hazardous chemical**SARA 313 (TRI reporting)**

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US 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. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. Massachusetts RTK - Substance List

PETROLATUM (CAS 8009-03-8)
SOYBEAN OIL (CAS 8001-22-7)
TRIETHANOLAMINE (CAS 102-71-6)

US. New Jersey Worker and Community Right-to-Know Act

TRIETHANOLAMINE (CAS 102-71-6)

US. Pennsylvania Worker and Community Right-to-Know Law

PETROLATUM (CAS 8009-03-8)

SOYBEAN OIL (CAS 8001-22-7)
TRIETHANOLAMINE (CAS 102-71-6)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 11-14-2014

Version # 01

References ACGIH
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
EPA: AQUIRE database
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

Revision Information Product and Company Identification: Product Uses
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Toxicological Information: Toxicological Data
Ecological Information: Ecotoxicity
Regulatory Information: United States
Material Attributes & Uses; Experimental Data: Physical States
HazReg Data: International Inventories