



# Safety Data Sheet

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** GlobalTech® BSC-10A Electronics Cleaner

### Other means of identification

**SDS #** JNJ-022

**Product Code** BSC  
**UN/ID No** UN3295

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

**Recommended Use** Technical cleaning solvent.

### Details of the supplier of the safety data sheet

**Supplier Address**  
JNJ Industries  
290 Beaver Street  
Franklin, MA 02038

### Emergency Telephone Number

**Company Phone Number** Phone: 800-554-9994 / 508-553-0529  
Fax: 508-553-9973  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Colorless to pale yellow liquid

**Physical State** Liquid

**Odor** Mild citrus

### Classification

Flammable Liquids	Category 3
Skin corrosion/irritation	Category 2
Skin sensitization	Category 1
Aquatic toxicity (Acute)	Category 1
Aquatic Toxicity (Chronic)	Category 1
Aspiration Hazard	Category 1

### Signal Word

**Danger**

**Hazard Statements**

Flammable liquid and vapor  
 May be fatal if swallowed and enters airways  
 Causes skin irritation  
 May cause an allergic skin irritation  
 Very toxic to aquatic life  
 Very toxic to aquatic life with long lasting effects

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bound container and receiving equipment  
 Use explosion-proof electrical, ventilating, lighting, communication, equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Avoid release to the environment  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF SWALLOWED: Immediately call a poison center or doctor/physician  
 IF ON SKIN: Wash with plenty of soap and water  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Do not induce vomiting  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam for extinction  
 Collect spillage

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with all local, regional, national and international regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydrocarbons, C10-C12, isoalkanes	64742-48-9	40-70
1-Methyl-4-(1-methylethenyl)-cyclohexene	5989-27-5	15-30
1-Propoxy 2-propanol	1569-01-3	20-40

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	Remove contact lenses. Flush with water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Remove contaminated clothing. Wash affected areas with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove person to fresh air and keep at rest in a comfortable position for breathing. See a physician if breathing difficulty persists.
<b>Ingestion</b>	Keep respiratory tract clear. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention or contact a poison control center for advice.

## 5. FIRE-FIGHTING MEASURES

### Flash point

40.5°C (105°F) (PMCC-ASTM D93-85).

### Auto-ignition temperature

Not Available

### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), dry chemical.

### Hazardous decomposition products

Carbon dioxide, carbon monoxide, acrid fumes

### Extinguishing Media Which Must Not Be Used

If water must be used, use as a spray only to lower temperature.

### Special protective equipment for firefighters

Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

### Precautions for fire fighters

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

### Unusual fire and explosions hazards

Exercise care when disposing of rags contaminated with the product. Use normal precautions appropriate for oily rags.

## 6. ACCIDENTAL RELEASE MEASURES

### Protective measures

Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator. Wear appropriate personal protective equipment when cleaning up spills. Eliminate potential sources of ignition. Handling equipment must be bonded and grounded to prevent sparking.

### Environmental precautions

This product contains a marine pollutant and very toxic to aquatic organisms. Do not discharge into lakes, streams, ponds or public waters.

### Spill management

Exercise caution as hard floors coated with this material may be slippery. Eliminate potential sources of ignition. Use spark-proof tools and explosion-proof equipment. Dike and contain spill. Small spills may be absorbed by sand or oil-absorbing materials. Large spills should be collected by pumping into closed containers for recovery or disposal. Spills over water will float and may be collected by oil absorbents and/or by skimming.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Wear chemical safety glasses or goggles and chemically resistant gloves. A chemically resistant apron may be used to protect clothing. A respirator may be worn to protect breathing spray mists or heated fumes. Take precautionary measures against static discharges.

**Conditions for safe storage**

No smoking. Store in original container, preferably in a cool, ventilated, fire-resistant place. Avoid heat, sparks and open flames. Empty containers may retail product residues (vapor, liquid or solid) all label precautions must be observed.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure limits**

None established

**Ventilation**

Mechanical ventilation may be necessary at elevated temperatures to control odor.

**Respiratory protection**

A respirator is not normally required. If vapor concentration is high, use a NIOSH approved organic vapor respirator or a properly fitted, air-purifying or air-fed respirator complying with an approved standard.

**Eye protection**

Wear chemical safety glasses, goggles or face shield. Provide eye bath near work site.

**Skin protection**

Wear chemically resistant rubber gloves and apron to minimize exposure.

**Personal hygiene measures**

When us do not eat or drink. Wash hands and other exposed areas of the skin with soap and water after handling the material.

**Appropriate engineering controls**

Use a well-ventilated area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b><u>Property</u></b>	<b><u>Values</u></b>
<b>Appearance</b>	Colorless to pale yellow liquid
<b>Odor</b>	Mild citrus
<b>pH</b>	Not applicable
<b>Boiling Point/Boiling Range</b>	150 °C (302°F) – 176.7°C (350.1°F)
<b>Flash Point</b>	40.5°C (105°F) (Pensky Martens Closed Cup)

<b><u>Property</u></b>	<b><u>Values</u></b>
<b>Evaporation Rate (BUAC=1)</b>	<1
<b>Flammability Limits (% by volume in air)</b>	Not determined
<b>Vapor Pressure</b>	2 mm Hg @ 25°C
<b>Relative Vapor Density (air=1)</b>	Not determined
<b>Relative Density</b>	0.81 @ 25°C
<b>Solubility in Water</b>	Negligible

**10. STABILITY AND REACTIVITY**

**Chemical stability**

Product is stable and not reactive under conditions of normal use.

**Hazardous polymerization**

Hazardous polymerization will not occur.

**Conditions to avoid**

Prolonged or excessive heat and/or exposure to air may cause non-hazardous decomposition and/or oxidation.

**Incompatible materials**

May react with strong acids, bases, and oxidizing agents.

**Hazardous decomposition products**

Incomplete decomposition may produce carbon monoxide. Ultimate decomposition products are carbon dioxide and water.

## 11. TOXICOLOGICAL INFORMATION

Target organs	Skin.
Likely routes of exposure	Skin.
Medical conditions aggravated by overexposure	No known conditions.
Symptoms related to overexposure	Prolonged exposure may cause skin irritation and/or sensitization

***ACUTE TOXICITY***

Acute oral toxicity	C10-C12 Isoalkanes: LD50 (rat): > 4000 mg/kg.
Acute dermal toxicity	C10-C12 Isoalkanes: LD50 (rabbit): > 4000 mg/kg.
Acute inhalation toxicity	C10-C12 Isoalkanes: LD50 (rat): > 4000 mg/m <sup>3</sup> 8 hours.
Acute oral toxicity	1-methyl-4-(1-methyletheny)-cyclohexene: LD50 (rat): > 5000 mg/kg.
Acute dermal toxicity	1-methyl-4-(1-methyletheny)-cyclohexene: LD50 (rabbit): > 5000 mg/kg.
Acute oral toxicity	I-propoxy 2 propanol: LD50 (rat): 2504 mg/kg.
Acute dermal toxicity	I-propoxy 2 propanol: LD50 (rabbit): 3350 mg/kg.

***POTENTIAL ACUTE HEALTH EFFECTS***

Eye contact	Causes serious eye irritation.
Dermal contact	Causes skin irritation. May cause an allergic skin reaction.
Inhalation	No known significant effects or critical hazards.
Ingestion	Irritating to mouth, throat and stomach.

***CARCINOGENICITY***

No component of the product is listed by IARC, ACGIH and NTP.

## 12. ECOLOGICAL INFORMATION

***Ingredient: 1-Methyl-4-1(methylethenyl)-cyclohexene***

This product contains a marine pollutant and is toxic to aquatic organisms.  
 Acute EC50: 688 µg/1; exposure time – 96 hours; species – pimephales promelas  
 Acute EC50: 421 µg/1; exposure time – 48 hours; species – daphnia magna  
 Persistence and Degradability: 92.7% in 21 days per method CEC L33t82.

***Ingredient: Hydrocarbons, C10-12 isoalkanes***

Acute Toxicity EL0 1000 mg/1; exposure time – 72 hours; species – pseudokirchneriella subcapitata  
 Acute Toxicity EL0 1000 mg/1; exposure time – 48 hours; species – daphnia magna  
 Persistence and Degradability: Readily biodegradable in 28 days.

***Ingredient: 1-Propoxy 2-propanol***

Persistence and Degradability: Readily biodegradable. BOD (closed bottle test) is 84% - ThOD 20 days.

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods** This material, if discarded, is considered a hazardous waste by EPA regulations 40 CFR 261. Dispose of this material at a local, state or federally approved landfill, incinerator or recovery facility.

**Safe handling of wastes** Refer to Section 8 for information pertaining to personal protective equipment and exposure controls when handling this material for disposal.

**14. TRANSPORT INFORMATION**

**Note** The shipping description is specific to the container and mode of shipment.  
 NOTE: packages with inner packagings not over 5 liter/5 kg may be reclassified as a Limited Quantity. Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**US DOT**  
**UN/ID No** UN3295  
**Proper Shipping Name** Hydrocarbons, Liquid, n.o.s.  
**Hazard Class** 3  
**Packing Group** III

**ICAO/IATA**  
**UN/ID No** UN3295  
**Proper Shipping Name** Hydrocarbons, Liquid, n.o.s.  
**Hazard Class** 3  
**Packing Group** III

**IMO/IMDG**  
**UN/ID No** UN3295  
**Proper Shipping Name** Hydrocarbons, Liquid, n.o.s.  
**Hazard Class** Marine Pollutant (Limonene) 3  
**Packing Group** III

**Labels** Flammable Liquid, Marine Pollutant

**15. REGULATORY INFORMATION**

**Chemical Inventories Status**

USA	Compliant
Canada	Compliant
European Community	Compliant
Australia	Compliant
Japan	Compliant
Korea	Compliant
Philippines	Compliant
China	Compliant

**USA Federal and States Information**

OSHA – Hazardous by definition of 29 CFR 1910.1200 (Flammability)  
 SARA 311/312 Hazard Category – Fire Hazard and Immediate (Acute) Health

**16. OTHER INFORMATION**

NFPA Rating	Health Hazards	Flammability	Reactivity Hazard	Special Hazards
	1	2	1	Not determined
HMIS Classification	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	B

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**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 a 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.

**End of Safety Data Sheet**