

MATERIAL SAFETY DATA SHEET

Date of Last Revision: 1/09

GlobalTech® BIOACT® SC-10 Electronics Cleaner

Product Code: **BIO**

FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053
24 Hrs. per day, 7 days per week

Section 1 ... Composition/Information on Ingredients

Ingredients	CAS#	Weight%	OSHA PEL	ACGIH TLV
Isoparaffinic hydrocarbon (C ₉₋₁₂ isoalkanes)	90622-57-4	40-60	NE	NE
1-Propoxy-2-propanol	1569-01-3	25-45	NE	NE
1-Methyl-4-(1-methylethenyl)-cyclohexene	5989-27-5	10-25	NE	NE

Section 2 ... First Aid Measures

Eye Contact:	Immediately flush eyes with water for 15 minutes. Call physician if irritation persists.
Skin Contact:	Remove contaminated clothing. Thoroughly wash affected area with soap and water; use skin cream if irritation is severe.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
Ingestion:	Do not induce vomiting. Seek medical attention.

Section 3 ... Health Hazards, Routes of Entry and Effects of Overexposure

Listed Carcinogens:	None
Eye Contact:	Liquid vapor contact may cause eye irritation with tearing or blurring of vision.
Skin Contact:	Contact of several hours may cause mild to moderate local redness and swelling.
Inhalation:	High vapor concentrations are irritating to the eyes and respiratory tract with headaches, dizziness, drowsiness and unconsciousness.
Ingestion:	May cause vomiting and nausea with possible liver and kidney injury.

Section 4 ... Special Protection Information

Ventilation:	If desirable to reduce odor, mechanical (general) ventilation should have an airflow of 55 CFM. Local exhaust can also be effective in minimizing odor.
Respiratory Protection:	NIOSH/MSHA approved respirator if ventilation is not sufficient and if mists are generated.
Gloves & Glasses:	Chemically resistant gloves should be used with all industrial chemicals. Safety glasses / goggles are recommended. Provide eye bath near work site.

Section 5 ... Reactivity Data

Stability:	Stable.
Conditions to Avoid:	Temperature above 305° F (152° C).
Hazardous Polymerization:	Will not occur.
Incompatibility (material to avoid):	Strong oxidizing agents, strong acids, strong bases.
Hazardous Decomposition:	None, other than normal products of combustion.

Section 6 ... Spill or Leak Procedures and Waste Disposal

Precautions in Case of Release:	Absorb spill with inert material, then place in chemical waste container. For large spills, dike for later disposal. Observe government regulations.
Waste Disposal Method:	Waste treat or incinerate used material in compliance with all applicable government regulations.

Section 7 ... Handling and Storage Precautions

Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid overheating or freezing. Since empty containers may retain product residues (vapor, liquid, or solid) all label precautions must be observed.

Section 8 ... Handling and Storage Precautions

Hazard Class (Hazard Rating Scale: 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme):

Health: 1
Reactivity: 0

Flammability: 2
Personal Protection:

Section 8 ... Handling and Storage Precautions continued

Flash Point: 105° F(41° C) (ASTM D93-85 Pensky-Martens Closed Cup)

Extinguishing Media: Chemical foam, dry chemical, carbon dioxide. Class BC, ABC fire extinguisher.

Fire and Explosion Hazards: Exercise care when disposing of rags contaminated with this product. Use normal precautions appropriate for oily rags.

Fire Fighting Procedures: Self contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Section 9 ... Physical Data

Boiling Point (780mm Hg):	>305° F (>152° C)	Vapor Density (air=1):	>1
Evaporation Rate (buac=1):	<1	% Volatile (by weight):	100
Vapor Pressure (20°C):	<2 mmHg	% Water Soluble:	1% by weight
Specific Gravity (H ₂ O=1):	0.80 @ 77° F (25° C)	Odor:	Mild odor
Appearance:	Colorless liquid	Flammable Limits (% by volume in air):	ND

Section 10 ... Regulatory Information

None of the components appear on any of the EPA's list of toxic or hazardous substances, or on the SARA 313 toxic chemicals list (40 CFR 372.65).

None of the components of this product is listed in the Threshold Limit Values and Biological Exposure Indices compiled by the American Conference of Governmental Industrial Hygienists.

None of the components of this product is listed in California's Safe Drinking Water and Toxic Material Enforcement Act of 1986 - Proposition 65 as a chemical known to cause cancer, birth defects, or other reproductive harm.

The Isoparaffinic Hydrocarbon (C₉₋₁₂ isoalkanes) is listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) listing as number 292-459-0.

All the components of this product are listed on the TSCA inventory.

Canadian WHMIS Classifications: Class B Division 3 - Combustible liquid.
 Class B Division 2 Subdivision B - Toxic material.

Section 11 ... Toxicological Information

Isoparaffinic hydrocarbon (C₉₋₁₂ isoalkanes): LD50/oral/rat = >10,000 mg/kg / LD50/dermal/rabbit = 3,200 mg/kg
 Inhalation: LC50 = 20mg/L

1-Propoxy-2-propanol: LD50/oral/rat = 3,250 mg/kg / LD50/dermal/rabbit = 3,560 mg/kg

1-Methyl-4-(1-methylethenyl)-cyclohexene: LD50/oral/rat = >5,000 mg/kg / LD50/dermal/rabbit = >5,000 mg/kg

Section 12 ... Ecological Information

Isoparaffinic hydrocarbon (C₉₋₁₂ isoalkanes): LC50/EC50 (Minnow) 96 hours = >5,000 mg/L
 LC50/EC50 (Golden Orfe) 48 hours = >1,000 ppm

Section 13 ... Transport Information - UN-No.: 3295

IATA

UN/ID No.: 3295
Packaging Group: III
Proper Shipping Name: Hydrocarbons Liquid, N.O.S

Class: 3
ICAO-Label: Flammable Liquid

IMO

Class: 3
Packaging Group: III
Proper Shipping Name: Hydrocarbons Liquid, N.O.S

IMDG Page: 108
IMO-Label: Flammable Liquid

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