



S.C. Johnson & Son, Inc.
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MATERIAL SAFETY DATA SHEET

SECTION I — PRODUCT IDENTIFICATION

Product Name: BOLT LIQUID AIRBORNE FOR FLYING INSECTS		Product Code: 14820-008	
Chemical or Common Name: NA	Date Issued: 03/15/85	Supersedes: 11/19/84	Prepared by: Gordon B. Bradshaw Materials Data Coordinator

SECTION II — INGREDIENT INFORMATION

Ingredient	Weight %	Exposure Limit
Pyrethrins	0.15	ND
Technical Piperonyl Butoxide	0.30	
N-Octyl Bicyclo Heptene Dicarboximide	0.5	
Aliphatic Petroleum Distillate	balance	

SECTION III — PHYSICAL DATA

Appearance/Odor: Clear, mobile liquid with mild solvent odor	Specific Gravity (H ₂ O = 1): 0.8
Vapor Pressure (mm Hg): ND	Percent Volatile by Volume (%): NA
Solubility in Water: Negligible	Vapor Density (Air = 1): ND
Freezing Point (°F): NA	Boiling Point (°F): ND
pH: NA	Evaporation Rate (Butyl Acetate = 1): ND

SECTION IV — FIRE AND EXPLOSION INFORMATION

Flash Point (°F) (Method Used): 148 (TCC)	Flammable Limits: ND
Extinguishing Media: <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Water Fog <input type="checkbox"/> Other	
Special Fire Fighting Procedures: Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire-exposed containers.	
Unusual Fire and Explosion Hazards: Mists or sprays may be flammable at temperatures below flash point. Vapors may accumulate in confined spaces (e.g., pits, sumps, sewers) and inadequately ventilated areas. Container may explode in heat of fire. Liquid run-off to sewers may create fire/explosion hazard.	

SECTION V — HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye Contact Skin Contact Ingestion Inhalation

SIGNS AND SYMPTOMS

Direct contact of product with eyes can cause irritation. Prolonged or repeated contact of product with skin may cause illness. Product may cause severe distress and serious illness if taken internally. If taken internally, aspiration of liquid product can cause chemical pneumonitis. Inhalation of product vapors may cause chemical intoxication at high airborne concentrations.

FIRST AID PROCEDURES

Flush eyes with water for 15 minutes. If irritation persists, seek medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid.

If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.

SECTION VI — REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	None known to SCJ
	Stable		

Incompatibility (Materials to avoid) None known to SCJ

Hazardous Decomposition Products When exposed to fire, produces normal products of combustion.

Hazardous	May Occur	Conditions to Avoid	None known to SCJ
	Will Not Occur		

SECTION VII — SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

Eliminate all ignition sources. Do not let spilled or leaking material enter watercourse. Contains pesticides. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.

Waste Disposal Information

Disposal is regulated under the Resource Conservation and Recovery Act as an ignitable waste.

Disposal of regulated quantities should be by neutralization at a permitted facility in accordance with all Federal\State regulations and local ordinances regarding disposal of corrosive wastes.

SECTION VIII — SPECIAL PROTECTION INFORMATION

14820

Respiratory Protection (Specify type): If mists\ vapors are not adequately controlled by local ventilation, use appropriate respiratory protection to prevent overexposures.

Ventilation: General room ventilation is normally adequate. Substantial amounts of mists\ vapors can be controlled with local exhaust ventilation or respiratory protection.

Protective Gloves: If prolonged or repeated contact is possible: Rubber, PVC or other impervious material.

Eye Protection: Chemical workers splash-proof goggles where eye contact may be a problem.

Other Protective Measures: Use good personal hygiene practices. Launder contaminated equipment before reuse.

SECTION IX — SPECIAL PRECAUTIONS

Precautionary Labeling Label states: CAUTION: Combustible mixture. Do not store near heat or open flame. Do not smoke while spraying. Avoid direct spraying of foodstuffs, utensils, dishes.
Do not use on humans, pets or plants. Cover bird cages and fishbowls before spraying. All food processing surfaces should be covered or thoroughly cleaned before using again.

Other Handling and Storage Conditions

Keep out of reach of children. Wash thoroughly after handling. Store in a cool, dry place with adequate ventilation. Do not pressurize, cut, heat, weld or expose container to flame; explosion could occur. Product residue may remain on\in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

SECTION X — ADDITIONAL INFORMATION

For information on appropriate emergency procedures phone: (414) 631-2000.

NA

NA-Not Applicable, NSR-No Special Requirement, ND-Not Determined for this product

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