MATERIAL SAFETY DATA SHEET

Section 1. Product Identification and Use

Product name: **Bleach-Rite® Disinfecting Spray with Bleach, EPA Reg. No. 70590-2**
Container Size: 16 ounce (12 bottles/case), 32 ounce (6 bottles/case), 64 ounce (6 bottles/case), 128 ounce/1 gallon (4 bottles/case)

Manufacturer: Current Technologies
P.O. Box 21, Crawfordsville, IN 47933

Business No.: 765-364-0490 Emergency No.: 1-800-456-4022

Product use: Cleaning / Disinfecting spray containing >0.94-0.525% bleach, for cleaning and disinfecting hard surfaces and spills

Section 2. Hazardous Ingredients

Hazardous ingredients	Approximate amounts (%)	CAS No.
Sodium hypochlorite (synonym: liquid bleach)	0.525% at expiration	7681-52-9
Other ingredients	>99%	

Section 3. Physical Data

Chemical: sodium hypochlorite
Formula: 0.94%-0.525% NaOCl in water
Physical state: liquid
Appearance: clear liquid
Odor threshold: 0.3ppm approx. (Chlorine)
Specific gravity: 8.5 lbs/gal
Decomposition temp: decomposes as heated
Decomp. product: chlorine gas
Solubility in water: completely miscible
Evap. Rate: N/A
pH: approx. 12.3

Section 4. Fire and Explosion Hazard Data

Flash point: N/A
Flammable limits: LFL: N/A
UFL: N/A
Extinguishing media: water/dry chemical
Fire & explosion hazard: not flammable
NFPA hazard rating: 0

Section 5. Reactivity Data

Temperatures above: decomposes as heated
Mechanical shock/impact: no
Static/electrical discharge: no
Incompatability: acids, ammonium compounds
Organics, other oxidizers
Water reactive: no
Other: hypochlorite decomposes in contact with iron or copper, do not use with ammonium compounds, or organic chemicals or other oxidizers

Section 6. Health Hazards of Components

Sodium Hypochlorite: routes of exposure - inhalation, skin, eyes, ingestion.

Human threshold response data: odor threshold = 0.3 ppm based on odor of chlorine
Irritation threshold = no data

Inahalation: Acute Inhalation LC50>2.23 mg/L

Eye: No corneal involvement; slight effect clearing within 24 hours.

Skin: Not an irritant; no irritation at 72 hours. Acute Dermal LD50>5050 mg/kg. Not considered a sensitizer.

Ingestion: Acute Oral LD50>5050 mg/kg.

Medical conditions aggravated by exposure: asthma, respiratory and cardiovascular disease.

No known interactions with other chemicals which enhance toxicity.

Chronic, reproductive toxicity and carcinogenicity: no known effects from repeated exposure, no reported effect on reproductive function or fetal development, chemical has been shown not to be a carcinogen (not listed as carcinogen by IARC, NTP, or EPA).

Section 7 and 8. First Aid & Prevention Measures

Eyes: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: If on skin or clothing, take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion: If swallowed, immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: If inhaled, move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Other: this product may cause damage to fabric/clothing (bleaching), open carefully

Section 9. Storage and Handling

Store at room temperature; do not expose to excessive heat, sunlight, or UV light or else bleach efficacy may deteriorate. Spray bottle product stable at room temperature for 1 year (expiration date on each bottle).

Section 10. Spill and Leak Procedures

In case of damage to spray bottle, absorb liquid and discard.

This data sheet is prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200). All information appearing within is based on data from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Current Technologies makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of Current Technologies and therefore users are responsible for determining whether the product is suitable for their particular purposes. Users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.