

251-SR

MATERIAL SAFETY DATA SHEET

Cleaner

Section I - Identification

Manufacturer's Name **BCS COMPANY**
Manufacturer's Address P.O. Box 247, 763 Thompson Road,
Thompson, Ct. 06277
Manufacturer's Phone Number 1-860-923-9575
Emergency Phone Number *CHEMTREC - (800) 424-9300*
Product information Call BCS - 1-860-923-9575
Effective Date 9/18/97
Chemical Name 251-SR
DOT Shipping Description Compounds, Cleaning Liquid, n.o.s.
Chemical Family Cleaning compound
Chemical Comment Ethylene Glycol Monobutyl Ether is regulated under
Section 313 of Title III of SARA.
Chemical Formula Mixture of alkalies, wetting agents, chelating agents,
and Ethylene Glycol Monobutyl ether.

Section II - Hazardous Ingredients

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>Hazardous %</u>	<u>TLV (Units)</u>
Ethylene Glycol Monobutyl Ether	111-76-2	1.0-10.0%	50 ppm OSHA PEL

Section III - Physical Data

Boiling Point (°F) 212
Volatility/VOL (%) <75.0
Melting Point (°F) 32
Vapor Pressure (mm Hg) N/A
Vapor Density (Air = 1) N/A
Solubility In H₂O Complete
Appearance/Odor Clear liquid
Specific Gravity (H₂O = 1) 1.13
Evaporation Rate N/A
pH 12.0 - 12.5 of a 2.0% solution

Section IV - Fire & Explosion Hazard Data

Flash Point (^o F)	Non-flammable
Lower Flame Limit	N/A
Higher Flame Limit	N/A
Extinguish Media	Use water spray, chemical foam, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures	Use extinguishing media applicable to primary source of fire.
Unusual Fire Hazard	None

Section V - Health Hazard Data

Routes of Entry	Ingestion
Health Hazards	Skin irritation
NTP	No
IARC Monographs	No
OSHA Regulated	No
Threshold Limit Value	Not established for this product - see Section II for TLV of hazardous ingredients.

Over Exposure Effects

Eye Contact: Burning or irritation of eyes.

Skin Contact: No effects of exposure expected due to contact. Product may cause irritation or dermatitis in some individuals upon prolonged contact.

Inhalation: If misted products, may cause irritation of mucous membranes of the nose, eyes or throat and coughing or difficulty in breathing.

Ingestion: Irritation to mouth, nose and throat. Nausea and discomfort.

First Aid

Eye Contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

Skin Contact: Wash thoroughly with soap and water. Seek medical attention if irritation persists.

Ingestion: Get medical attention immediately. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. Do not induce vomiting!

Inhalation: Remove to fresh air, for breathing difficulty, give oxygen or artificial respiration.

Section VI - Reactivity Data

Chemical Stability	Stable
Conditions To Avoid	Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.
Incompatible Materials	Avoid contact with acids.
Decomposition Products	From thermal reaction carbon dioxide and carbon monoxide.
Hazardous Polymerization	Will not occur.
Polymerization Avoid	Not applicable

Section VII - Spill Or Leak Procedure

For Spill	Absorb with inert material and dispose of in accordance with applicable regulations.
Waste Disposal Method	Dispose of in accordance with local, state and federal regulations.

Section VIII - Special Protection

Respiratory Protection	Use a NIOSH/OSHA approved mask when spray mist is present and/or the TLV has been exceeded.
Ventilation	Recommended
Protective Gloves	Rubber gloves
Eye Protection	Safety goggles
Other Protection	Rubber or plastic aprons are recommended.

Section IX - Special Precautions

Label Summary	HMIS
Health Hazard	2
Flammability	0
Reactivity	0
Personal Protection	B
Handling & Storage	Keep out of reach from children. For industrial or institutional use only. Keep from freezing.