

Material Safety Data Sheet

Clean-Brite 245 - Industrial Cleaner and Degreaser

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURER: ChemBrite Ind.
16323 - 130 Avenue
Edmonton, Alberta, Canada T5V 1K5
EMERGENCY TEL: (780) 474-5298
PRODUCT NAME: Clean-Brite 245
SYNONYMS: None.

2. HAZARDS IDENTIFICATION

PHYSICAL STATE:	LIQUID	HEALTH:	1
COLOUR:	PINK	FLAMMABILITY	0
ODOUR:	BUTYL	PHYSICAL HAZARD	1

ROUTES OF EXPOSURE

Inhalation: May cause irritation of respiratory tract, headache and nausea.
Skin contact: May cause mild drying of skin or rash.
Eye contact: May cause moderate to severe irritation.
Ingestion: May cause moderate to severe irritation to gastrointestinal tract.

EFFECTS OF OVER-EXPOSURE

Acute over-exposure: Skin or eye irritation.
Chronic over-exposure: May cause aggravation of existing dermatitis.

GHS LABEL ELEMENTS



HAZARDS STATEMENTS

Harmful if swallowed or inhaled.
May cause an allergic skin reaction.
May cause severe burns and eye damage.

SIGNAL WORD

Warning.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	%	CAS #	TOXICITY DATA: LD50, LC50, SPECIES	ACGIH TLV
Sodium Metasilicate	30 to 60	10213-79-3	Not determined	None
2-Butoxy Ethanol	5 to 15	111-76-2	Oral, Rat - 0.5 gm/kg	25 ppm

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.
Skin contact: Wash with soap and water.
Eye contact: Flush with water for 10 to 15 minutes. Obtain medical attention.
Ingestion: DO NOT INDUCE VOMITING. If victim is conscious, give large amounts of water or milk. Obtain medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C) - TTC:	N/A
FLAMMABLE LIMITS IN AIR (% BY VOL):	N/A
AUTO-IGNITION (°C):	N/A

EXTINGUISHING MEDIA: Water spray (fog), foam, dry chemical or carbon dioxide.
SPECIAL PROCEDURES: Wear full protective clothing. Wear self-contained breathing apparatus.
COMBUSTION PRODUCTS: Thermal decomposition may produce oxides of carbon and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILL OR RELEASE: Confine spill and ventilate area. Recover material for disposal or re-use.
NEUTRALIZING CHEMICALS: None.
WASTE DISPOSAL: Transfer to a licensed hazardous waste disposal site.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. this product. Provide adequate ventilation. Do not take internally. Keep container closed. Do not pressurize, cut, heat or weld containers.

STORAGE: For safe storage, store between 5°C and 30 °C. Keep container tightly closed and in a cool, well-ventilated place.

8. PERSONAL PROTECTION

VENTILATION REQUIREMENTS	Maintain sufficient ventilation to remain below TLV.
PERSONAL PROTECTIVE EQUIPMENT	
Respiratory:	None required.
Eye:	Goggles or face shield.
Gloves:	Neoprene.
Other clothing/equipment:	None required.

9. PHYSICAL DATA

BOILING POINT (°C):	Over 100	pH, 5% SOLUTION	9	Over 13
SPECIFIC GRAVITY (WATER= 1):	1.02	MELTING POINT (°C)	N/A	N/A
VAPOUR DENSITY (AIR = 1):	N/A	VAPOUR PRESSURE	N/A	N/A
VOLATILES (% BY WEIGHT AT 20°C):	Over 50	SOLUBILITY IN WATER	100	Over 20
FLASH POINT (°C) - CLOSED CUP:	None	ODOUR:	Solvent	None
FLAMMABLE LIMITS IN AIR (% BY VOL):	N/D	AUTO-IGNITION (°C)	N/D	N/D

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	High temperatures above 45°C and open flame.
MATERIALS TO AVOID	Strong oxidizing and reducing agents. Strong acids.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY	No suspect carcinogens as classified under ACGIH and OSHA.
MUTAGENICITY	Tests in animals have been negative or inconclusive.
TERATOGENICITY	Tests in animals have been negative or inconclusive.

12. ECOLOGICAL INFORMATION

Not Available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Transfer to a licensed hazardous waste disposal site.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Disodium trioxosilicate
HAZARD CLASS:	8
ID NUMBER:	UN 3253
PACKING GROUP:	III
DOT REPORTABLE QTY:	N/A

15. REGULATORY INFORMATION

NFPA HAZARD CODES: HEALTH - 1 FIRE - 0 REACTIVITY - 1

16. OTHER INFORMATION

To our best knowledge, the information and recommendations contained herein are accurate and reliable. However, this information and our recommendations are furnished without warranty, expressed or implied. The manufacturer's sole obligation shall be to replace the portion of the product proven to be defective. The seller or manufacturer shall not be liable for any loss, damage or injury from the use or possession of this product.