

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE

1-800-255-3924

1-612-672-0022

SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME
Safebrite Bleach

PRODUCT TYPE
Oxygen Bleach

CODE IDENTIFICATION
#185

DOT SHIPPING NAME: Compound Cleaning Dry

SECTION 2: HAZARDOUS INGREDIENTS

	CAS NUMBER	%	EXPOSURE CRITERIA
Sodium Perborate-Tetrahydrate (NaBO H O 3H O)	10486-00-7	10 - 20	Dupont acceptable exposure limit (AEL)=5

NFPA Hazard Signal:

IMIS:

4=Extreme

3=High

2=Moderate

1=Slight

0=Insignificant

Health=1

Stability=1

Flammability=0

Special=OXY

DOT Hazard Class: Not Regulated

EPA Hazard Waste Class: Not regulated

SECTION 3: PHYSICAL DATA

Boiling Point: 760 mm HQ:

Freezing Point: N/A

Specific Gravity (Water=1): N/A

Vapor Density (AIR=1): N/A

% Volatiles By Volume: N/A

Melting Point: N/A

Vapor Pressure @ 25 C: N/A

Solubility in Water: Complete

Evaporation Rate (BuAc=1): N/A

pH (1% solution): 10.0

Appearance & Odor: White, free flowing powder, odorless

SYMPTOMS AND EFFECTS OF EXPOSURE:

EYES: Extreme irritation.

SKIN: May causes skin irritation on contact

INGESTION: May injure mouth, throat, and gastrointestinal tract.

INHALTION: Inhalation of heavy dust may severely irritate nose and throat.

MATERIAL SAFETY DATA SHEET (continued)

SECTION 4: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (& METHOD USED)	FLAMMABLE LIMITS IN AIR % BY VOLUME	AUTO IGNITION
None	Lower	Upper

TEMPERATURE

EXTINGUISHING MEDIA: Not flammable or combustible. Use water for fires where this product is handled.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARD: Can release oxygen at high temperatures

SECTION 5 REACTIVITY DATA

STABILITY (Normal Conditions): Stable

CONDITIONS TO AVOID: Mixtures containing heavy metal salts, combustible organic matter or moisture

INCOMPATIBILITY (Materials to Avoid): SiF₄ (silicon tetrafluoride gas) at 500C or 932F

HAZARDOUS DECOMPOSITION PRODUCTS: Can occur gradually releasing controlled amounts of oxygen.

HAZARDOUS POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: Not considered hazardous under Forseeable circumstances
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SECTION 6: HEALTH HAZARD INFORMATION

TOXITY INFORMATION:

EFFECTS OF OVEREXPOSURE: Corrosive to the eyes; is a mild skin irritant, but is not a skin sensitizer in tests with lab animals

EMERGENCY AND FIRST AID PROCEDURES:

EYE:	Flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids intermittently. See an Ophthalmologist.
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SKIN:	Wash with water. If irritation occurs and persists, call a physician.
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INGESTION:	Remove from exposure. For breathing difficulty or discomfort, obtain medical attention.
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INHALATION:	Rinse mouth with water, give water to cause particles to dissolve. DO NOT INDUCE VOMITING. Call a physician.
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COMMENTS:	N.A. = NOT APPLICABLE	N.D. = NOT DETERMINED
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MATERIAL SAFETY DATA SHEET (continued)

SECTION 7: SPECIAL PROTECTION INFORMATION

Ventilation Requirements: Good general ventilation should be provided to keep dust below acceptable exposure limit. Use spot exhaust ventilator if dusty conditions prevail.

Respiratory Protection (Specify Type): Toxic dust respirator

Eye Protection: Wear Chemical goggles, if airborne dust is expected.

Gloves: General purpose

Other Protective Clothing and Equipment: None

SECTION 8: SPILL OR LEAK PROCEDURES

Steps To Take If Material Is Released Or Spilled: Sweep up and wash area with water.

Waste Disposal Method: Contact manufacturer. Comply with Federal, State and Local regulations.

SECTION 9: SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage: Store in a cool, dry place away from feed or food stuffs. Keep cover closed when not in use.

REVIEWED BY: _____

DATE: _____

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with manufacturer or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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