

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: POWER BRITE

MSDS DATE: 8/22/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Power Brite
SYNONYMS: None
MANUFACTURER: AdDent Inc.
ADDRESS: 43 Miry Brook Road, Danbury, CT 06810
EMERGENCY PHONE: 203 778 0200
FAX PHONE: 203 792 2275
CHEMICAL NAME: Hydrogen Peroxide
CHEMICAL FORMULA: H2O2 25%
PRODUCT USE: Dental Bleaching Gel
PREPARED BY: Allan Brooks

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

Hydrogen Peroxide

<u>CAS NO.</u>	<u>% VOL</u>
7722-841	25% H2O2

<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
PEL 1 ppm	TLV 1 ppm

No carcinogenicity designated by NTP, IARC, OSHA or others.

SECTION 3: HEALTH HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, skin, and mouth

POTENTIAL HEALTH EFFECTS

EYES: Yes

SKIN: Yes

INGESTION: Yes

INHALATION: No

HEALTH HAZARDS: (acute and chronic): Severe irritation to eyes and skin

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

CARCINOGENICITY

NTPT?: No IARC Monographs?: No

OTHER: OSHA Regulated?: No

SECTION 4: FIRST AID MEASURES

EYES, SKIN & MOUTH: Flush with large amounts of water for 15 minutes

INGESTION: Drink lots of water, don't induce vomiting – seek immediate medical help.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Non-flamable

AUTOIGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Use water only to fight fires where this product is involved. Large quantities of water should be used for cooling and dilution.

SECTION 6: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : NA

RESPIRATORY PROTECTION: NA

EYE PROTECTION: Wear safety glasses.

SKIN PROTECTION: Wear rubber gloves.

DISPOSAL: Small quantities may be washed down the sink.

SPILLAGE: For the small quantities used in a dental practice wipe off with tissues.

STORAGE: Store in a conventional refrigerator.

SECTION 7: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange color.

ODOR: None

pH: 3 – 4

BOILING POINT:

F: 220 - 237

C: 104 - 113

MELTING POINT: NA

FREEZING POINT: NA

VAPOR PRESSURE: 18 – 27 @85%

VAPOR DENSITY: (Air = 1) 1

EVAPORATION RATE: (Butyl Acetate = 1) Greater than 1.

SOLUBILITY IN WATER: Complete.

SPECIFIC GRAVITY: (H₂O = 1) 1.1 – 1.2

SECTION 8: STABILITY AND REACTIVITY

STABILITY: Product stable when cold. Product unstable when heated.

CONDITIONS TO AVOID: Heating.

INCOMPATIBILITY (materials to avoid): Heavy metals, heavy metal ion/salts, rust, alkali, organic material, reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Can include oxygen, which will promote the combustion of flammable material.

HAZARDOUS POLYMERIZATION: Will not occur.