





Safety Data Sheet 	BlancOne Gingival Barrier	BlancOne ULTRA Photo Energetic Booster	BlancOne ULTRA Hydrogen Peroxide 39%
Manufacturer	IDS S.p.A. Via S. Cristoforo 28/10 - 17100 Savona – Tel. 019.862080 - Fax 019.2304865		
Composition	Gingival protection with methacrylic polymers, photo activators	Biophotonic accelerator (crystals), thickeners, photochemical mediators, colorants and photo activation indicators.	Hydrogen peroxide in aqueous solution, 39% and stabilizers.
Hazards Identification	Not hazardous. Extensive exposure may cause irritation.	Not controlled	Severe irritation to eyes and skin
First-aid Measures	<p><i>Inhalation</i> Provide fresh air and rest.</p> <p><i>Skin Contact</i> Wash with soap and water.</p> <p><i>Eye Contact</i> Flush with running water for at least 15 minutes while keeping the eye lids open; seek medical attention.</p> <p><i>Ingestion</i> Wash out mouth with water provided person is conscious. Seek medical advice.</p>	<p>Flush eyes with plenty of water for at least 15 minutes.</p> <p>Flush skin with plenty of water. Remove to fresh air. Do not induce vomiting. Give plenty of water to dilute. Call a physician.</p>	<p><i>Inhalation</i></p> <ul style="list-style-type: none"> - Remove to fresh air - Oxygen or artificial respiration if needed - Keep warm - Victim to lie down in the recovery position. - Call a physician immediately <p><i>Eye contact</i></p> <ul style="list-style-type: none"> - Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes - In the case of difficulty of opening the lids, administer an analgesic eye wash-oxybuprocaine - Consult with an ophthalmologist immediately in all cases <p><i>Skin contact</i></p> <ul style="list-style-type: none"> - Take off contaminated clothing and shoes immediately - Remove contaminated clothing - Wash off immediately with plenty of water - Keep warm - Call a physician <p><i>Ingestion</i></p> <ul style="list-style-type: none"> - Call a physician immediately - Take victim immediately to hospital <p><i>If victim is conscious:</i></p> <ul style="list-style-type: none"> - If swallowed, rinse mouth with water (only if the person is conscious) - Do NOT induce vomiting <p><i>If victim is unconscious but breathing:</i></p> <ul style="list-style-type: none"> - Artificial respiration and/or oxygen may be necessary - Never give anything by mouth to an unconscious person

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Fire-fighting Measures	Fire-fighting media: Water spray, dry chemical powder, foam or carbon dioxide. Fire and explosion risks: Emits hazardous fumes under fire conditions.	Not flammable. Small fires: CO ₂ , powder or water spray. Large fires: With water spray or apply alcohol resistant foam. Evacuate enclosed and surrounding areas. If fumes and smoke cannot be avoided, use adequate suit and breathing apparatus MSHA/NIOSH or an equivalent.	Suitable extinguishing media is Water or Water spray. Special exposure hazards in a fire - Oxidizing agent, Oxygen released in thermal decomposition may support combustion, Contact with combustible material may cause fire, Contact with flammables may cause fire or explosions, Risk of explosion if heated under confinement
Accidental Release Measures	Personal Precautions: Wash thoroughly after handling. Use protective gloves and chemical safety goggles. Environmental Precautions: Avoid ground water contamination. Methods for Cleaning Up: Wipe with damp paper towel. Discard properly.	Wear adequate personal protective clothing and equipment. Pick up mechanically or use a vacuum cleaner.	Personal precautions Isolate the area, Keep away from incompatible products, Prevent further leakage or spillage if safe to do so, In case of contact with combustible material, keep material wet with plenty of water
Handling and Storage	Store in ventilated cool dark dry place (<22 °C). Exposure to day or blue light will cause polymerization.	No special measures required. Dry and fresh location with good ventilation No special measures required	Wear rubber gloves and safety glasses. Store in a cool place. For small quantity spills, used in dental practices, wipe off with tissue.
Exposure Controls / Personal Protection	Eye Protection: Use protective eyewear. Hand Protection: Use protective gloves. Respiratory Protection: Avoid prolonged breathing of vapors of uncured material. Skin Protection: Use any necessary hygiene measures	The usual precautionary measures are to be adhered to when handling chemicals.	Wear chemical resistant gloves, safety goggles or face shield and follow general good practice.
Physical / Chemical Properties	Appearance: viscous solution; Color: green Miscibility: N/A; Density: 1,12g/ml Odor slight odor Vapor Density N/A Viscosity (sp7, 50rpm, 1min) 40.000-65.000	Solid, Odorless Pink powder Insoluble, Miscibility with organic solvents	pH:4.5 Boiling point/range:108 °C (226 °F) - 115 °C (239 °F);Flash point: The product is not flammable Explosive properties: With certain materials In case of heating; Oxidizing properties, Vapor pressure: 1 mbar; Relative density / Density: 1.1 (H ₂ O ₂ 27.5 %)-1.2 (H ₂ O ₂ 50 %) Viscosity:1.07 mPa.s Vapor density: 1 (H ₂ O ₂ 50 %)

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Stability and Reactivity	Keep in dark places! Exposure to day or blue light will cause polymerization. Avoid high temperatures	Stable Under normal conditions	<i>Stability</i> - Potential for exothermic hazard - Stable under recommended storage conditions with slow gas release <i>Conditions to avoid</i> - Contamination - To avoid thermal decomposition, do not overheat <i>Materials to avoid</i> - Acids - Bases - Metals - Salts of metals - Reducing agents - Organic materials - Flammable materials
Toxicological Information	Eye Contact: May cause eye irritation. Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through skin. Inhalation: Material may be irritating to mucous membranes and upper respiratory track. May be harmful if inhaled. Ingestion: May be harmful if swallowed. Other: N/A	It can be harmful if swallowed	<i>Acute oral toxicity</i> - LD50, rat, 1,232 mg/kg (H2O2 35 %) <i>Acute inhalation toxicity</i> - LD50, 4 h, rat, 2.000 mg/m3 (Hydrogen peroxide) <i>Acute dermal irritation</i> - LD50, rabbit, > 2.000 mg/kg (H2O2 35%) <i>Skin irritation</i> - Rabbit, No skin irritation (H2O2 10%) <i>Eye irritation</i> - Risk of serious damage to eyes (H2O2 35 %) <i>Irritation (other route)</i> - Inhalation, mouse, Irritating to respiratory system, RD 50 = 665 mg/m3 (Hydrogen peroxide)
Ecological Information	N/A	N/A	For small quantities, used in dental practice, not applicable
Disposal Considerations	Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.	Dispose of in an approved landfill in accordance with federal, state/ provincial and local regulations. Since emptied container retains product residue, all labelled hazard precautions must be observed.	Small quantities, wash down the sink
Transport Information	Not hazardous for road, sea and air transport.	Not controlled	DOT: UN2014 5.1 (8) Hydrogen Peroxide, aqueous solution II Oxidizer (5.1) [Corrosive (8)] Oxidizer (5.1) [Corrosive (8)] ERG 140

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Regulatory Information	Classification: Not Harmful. Safety: Refer to any applicable National laws. Skin Absorption: May be harmful if absorbed through skin. Inhalation: Material may be irritating to mucous membranes and upper respiratory track. May be harmful if inhaled. Ingestion: May be harmful if swallowed. Other: N/A	Not controlled	Only for large quantities above 100lbs Regulated by TSCA, SARA, CERCLA, OSHA
Additional information	<p>To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither IDS, nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. IDS reserves the right to make additions, deletions or modifications to the information at any time without prior notification.</p> <p>The previous information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment (Unless noted to the contrary, the technical information applies only to pure products.)</p>		