

Material Safety Data Sheet**Bradley OptiAid/OptiAid Plus (Black Label)**

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12/10/03

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SECTION #1 - PRODUCT IDENTIFICATION**Product:** Bradley OptiAid/OptiAid Plus (Black Label)**Chemical Family:** Eyewash solution

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets before attempting to use the product. You must also provide this information to those people in your company whose responsibility it is to comply with Federal, State, and/or Provincial "Right to Know" regulations. Also make sure that this information is available and disseminated to your employees before their use of the product. This information should be kept on file and made available to any employee who requests it. It is your obligation to comply with safety and health regulations pertinent to your jurisdiction.

SECTION #2 - COMPOSITION/INFORMATION ON INGREDIENTS**Component:** Boric acid

CASRN 10043-35-3

No OSHA PEL(s) or ACGIH TLV(s)

Component: Sodium borate decahydrate

CASRN 1303-96-4

No OSHA PEL(s); ACGIH TLV: 5 mg/m³ TWA**SECTION #3 - HAZARDS IDENTIFICATION****Primary Route(s) of Entry**

Ingestion.

Eye Hazards

Eye contact with this product is not known to be hazardous.

Skin Hazards

Skin contact with the product is not known to be hazardous.

Ingestion Hazards

Ingestion of large quantities of the product may cause gastric irritation. Long-term ingestion of boric acid or borates may cause *borism*, a disease characterized by dry skin and gastrointestinal disturbances.

Inhalation Hazards

If this product is used in a manner that produces a mist, inhalation of the mist may irritate the nose, throat, and upper respiratory tract.

SECTION #4 - FIRST AID MEASURES**Ingestion**

Do not induce vomiting. Give the subject large quantities of water or other liquids. Contact a physician or Poison Control Center. If the subject is unconscious or convulsive, seek immediate medical assistance. Do not attempt to give liquids to an unconscious person.

Eyes

None applicable.

Skin

None applicable. If clothing becomes wetted with product, replace with dry clothing.

Inhalation

If signs and symptoms of irritation occur, remove subject from the area. Seek medical attention if necessary.

Note to Physician

The components boric acid and sodium borate decahydrate ("Borax") are potentially toxic. The combined concentration of boric acid/borates in the product is ≤ 25 grams/liter.

SECTION #5 - FIRE FIGHTING MEASURES**Fire and Explosion Hazards**

This product is non-flammable and non-explosive. If the product is evaporated to dryness, thermal decomposition of the non-aqueous ingredients may emit carbon monoxide, smoke, and/or irritant gases.

Extinguishing Media

Not applicable (non-flammable mixture)

SECTION #6 - ACCIDENTAL RELEASE MEASURES**Small Spills**

Soak up spilled product with absorbent media (e.g., paper towels). Dispose of residues in accordance with applicable Federal, State/Provincial, and local regulations.

Large Spills

Enclose or isolate spillage area to control its spread. Transfer spilled material to an impervious container. Dispose of residues in accordance with applicable Federal, State/Provincial, and local regulations. Do not flush large quantities of product into sanitary sewers. If product is accidentally flushed into a sanitary sewer system, flush contaminated areas with large quantities of water and notify the appropriate authority.

SECTION #1 - HANDLING AND STORAGE**Handling Precautions**

No special handling precautions are required.

Storage Precautions

Store in a cool place away from incompatible materials (see Section #10).

Work/Hygiene Practices

To minimize the possibility of ingestion, wash hands and face before eating, drinking, applying cosmetics, or using tobacco.

SECTION #8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls**

Mechanical ventilation is not required under normal conditions of use. If the product is used in a manner that generates airborne mist, provide appropriate ventilation (dilution, local exhaust) adequate to control mist concentrations in air.

Eye/Face Protection

Eye protection is not required.

Skin Protection

Skin protection is not required.

Respiratory Protection

Respiratory protection is not required under normal conditions of use. If the product is used in a manner that generates airborne mist not controlled by ventilation, wear a NIOSH-approved dust/mist respirator (rated N95 or better) to minimize nose, throat, and respiratory tract irritation.

SECTION #9 - PHYSICAL AND CHEMICAL PROPERTIES

Percent Volatiles: not applicable

Boiling: > 212°F./100°C.

Specific Gravity: ca 1.00

Evaporation Rate: not applicable

Vapor pressure: not applicable

Vapor density: not applicable

Solubility (water): complete

Appearance: Water-white liquid

SECTION #10 - STABILITY AND REACTIVITY

Stability: stable

Hazardous Polymerization: will not occur

Incompatible Materials: strong oxidizing or reducing agents; acetic anhydride

SECTION #10 - STABILITY AND REACTIVITY Continued...**Hazardous Decomposition Byproducts**

If the product is evaporated to dryness, thermal decomposition of the non-aqueous ingredients may emit carbon monoxide, smoke, and/or irritant gases.

SECTION #11 - TOXICOLOGICAL INFORMATION**Toxicological Information**

This product has not been subject to toxicological testing by the manufacturer.

Carcinogenicity

None of the components of this product are classified as potential or demonstrated human carcinogens by IARC, NTP, or OSHA.

SECTION #12 - ECOLOGICAL INFORMATION

No data available

SECTION #13 - DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

Dispose of product in accordance with applicable Federal, State/Provincial, and local regulations.

SECTION #14 - TRANSPORT INFORMATION

This product is not a *Hazardous Substance* or *Dangerous Goods* according to USDOT, TDG (Canada), ICAO, or IMO regulations.

SECTION #15 - REGULATORY INFORMATION**SARA Title III Notifications and Information**

SARA Title III - Hazard Class(es): Acute Health Hazard; Chronic Health Hazard

SARA Title III - Section 313 Supplier Notification: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

Controlled Products Regulations (Canada) Information**Components Toxicology Data**

Component (CASRN)	LD ₅₀ (Route/Species)	LC ₅₀ (Route/Species)
Boric acid (10043-35-3)	2660 mg/kg (oral/rat)	No data available
Sodium borate decahydrate (1303-96-4)	2660 mg/kg (oral/rat)	No data available

WHMIS Hazard Classification(s) of product: none applicable

Components or Ingredients Disclosure List: Boric acid (CASRN 10043-35-3)

SECTION #16 - REVISION INFORMATION

Date of previous version: 12 December 2000

Reason(s) for revision: Periodic review and revision

DISCLAIMER OF EXPRESS AND IMPLIED WARRANTIES

We believe that the information contained herein is current as of the date of the Material Safety Data Sheet. Since the use of this product is not within the use of Bradley Fixtures Corporation, it is the user's obligation to determine the conditions of safe use of the product. Additionally, as data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION. The user should review any recommendations in the specific context of the intended use to determine whether or not they are appropriate.