

# BioSentry® Liquid Tray & Egg Wash

## FOR INDUSTRIAL AND COMMERCIAL USE ONLY

<b>COMPONENTS:</b>	<b>CAS No.</b>
Water .....	7732-18-5
Potassium Hydroxide .....	1310-58-3
Emulsifier .....	--
Sodium Hypochlorite .....	7681-52-9
Detergent Builder .....	--

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET (MSDS) FOR THIS PRODUCT.**

**FIRST AID**

**Have label with you when obtaining treatment advice.**

<b>If in eyes</b>	Call a physician. Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
<b>If on skin or on clothing</b>	Take off contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Call a physician. Wash contaminated clothing before reuse.
<b>If swallowed</b>	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Immediately give 2 glasses of water. Do not give anything by mouth to an unconscious person.
<b>If inhaled</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**For 24-hour medical emergency information on this product, call 1-800-498-5743 (U.S. & Canada) or 1-651-523-0318 (all other areas).**

**PRECAUTIONARY STATEMENTS**

**DANGER:** Contains highly alkaline materials, potassium hydroxide and sodium hypochlorite. This product is intended to be diluted before using. Concentrate causes eye, skin and digestive tract burns. May cause nose and throat irritation. Thermal decomposition products are hazardous. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Always wear proper eye protection and proper protective clothing when using this or any chemical product. Do not taste or swallow. Do not take internally. Keep container tightly

closed. Use and store only with adequate ventilation. Wash thoroughly after handling. Keep away from heat and flame.

**CHEMICAL AND PHYSICAL HAZARDS**

This product is a formulated alkaline detergent solution; contamination with other materials such as acids, amines or ammonia-bearing compounds, etc., may cause a dangerous chemical reaction. Keep all chemical and foreign materials away from this solution. Keep away from excessive heat.

- Chlorinated low-foaming detergent
- Ideal for use in hatcheries to clean trays, racks, plastic flats and boxes in automatic washers
- For use in washing commercial eggs, hatching eggs, and as a CIP cleaner in egg breaking operations
- Ideal for use through chemical proportioners

BioSentry® Liquid Tray & Egg Wash is a chlorinated, low-foaming cleaning compound specifically designed for washing trays, plastic chick boxes, egg cases and filler flats in automatic tray washers. It is also ideal for washing shell eggs intended for table use, break out, or hatching. BioSentry® Liquid Tray & Egg Wash is low-foaming and ideal for use in chemical proportioners as well as in manual feeding operations. It is an excellent clean-in-place (CIP) for egg breaking operations.

**DIRECTIONS FOR USE**

**CLEANING TRAYS:** Use a 0.25 - 0.75 % solution (1/4 - 1 ounce per gallon of water) (2 - 8 mL/L). Hot water is recommended for the cleaning solution (130° - 160° F or 54.4° - 71.1° C). Vary the amount, depending on the soil load, water quality and water temperature. *Note: Lower water temperatures may be used by increasing the rate of product used.*

After cleaning with BioSentry® Liquid Tray & Egg Wash, follow-up with an appropriate disinfecting solution. Consult your BioSentry® Technical Representative for recommendations.

**SHELL EGG CLEANING:** Use a 0.25 - 0.75 % solution (1/4 - 1 ounce per gallon of water) (2 - 8 mL/L), depending on water quality and soil on eggs. Recommended temperature of wash water is between 95° - 120° F (35° - 49° C). The wash water should be at least 10° - 15° F (5° - 8° C) warmer than the eggs. If excessive foaming occurs due to egg breakage, an antifoaming agent may be required. After cleaning eggs with BioSentry® Liquid Tray & Egg Wash, eggs should be sanitized with an appropriate BioSentry® disinfectant. Contact a BioSentry® Technical Representative for guidance.

**HATCHING EGG CLEANING:** Follow directions for shell egg cleaning. Additionally, measure chlorine residuals in recirculating wash tanks and maintain a chlorine reading

above 50 ppm using liquid bleach or another suitable product. Drain wash tank every 2 - 3 hours, minimum. If excessive foaming occurs due to egg breakage, an antifoaming agent may be required. After cleaning eggs with BioSentry® Liquid Tray & Egg Wash, eggs should be sanitized with an appropriate BioSentry® disinfectant. Contact a BioSentry® Technical Representative for guidance.

**AS A CLEAN-IN-PLACE CLEANER:** Flush gross soils from system with a tepid water rinse. Circulate BioSentry® Liquid Tray & Egg Wash at 0.5 % solution (1 ounce per 2 gallons water) (4 mL/L) through system at 130° - 160° F (54° - 72° C) for 5 - 10 minutes. Do not let temperature of circulating solution drop below 110° F (43° C). Drain and rinse with potable water or an acidified rinse solution. Sanitize equipment with an approved sanitizer just prior to reuse. Follow recommendations of Federal and local health authorities.

**NOTE:**

- *Safe for use on plastic, glass, stainless steel, mild steel, concrete, porcelain.*
- *Avoid contact with undiluted, concentrated product on aluminum, copper or soft metals.*
- *Do not use for manual cleaning.*

**STORAGE AND DISPOSAL**

Store in original container, in areas inaccessible to children. Store in a cool place. Keep container tightly closed. Do not store on side. Avoid creasing or impacting of sidewalls. Do not reuse empty container. Discard in trash or recycle.

**Medical 1-800-498-5743  
? 1-800-621-8829**

**Manufactured For:  
HACCO, Inc.  
110 Hopkins Drive  
Randolph, WI 53956 U.S.A.**

**Imported By:  
Indonesia**

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Item No.:  
Net Contents: 3.785 Liters (1 Gallon)  
UPC:  
Format:

Code NA.NO.