

# DuPont™ Biosolve™ Plus

## MULTIPURPOSE HEAVY DUTY CLEANER AND DEGREASER

DuPont™ Biosolve™ Plus Multipurpose Heavy Duty Cleaner and Degreaser:

- Breaks through grease, fat and organic matter
- Phosphate free
- Powerful alkaline cleaning concentrate
- Superior degreasing properties
- For use in swine, hatchery, poultry, turkey and other animal confinement facilities
- For use in food processing facilities
- Excellent end-use compatibility with DuPont disinfectants
- Easy application and rinsing
- Formulated with Biodegradable Detergents

### COMPONENTS

Components	CAS No.
Water.....	7732-18-5
Sodium Hydroxide .....	1310-73-2
Chelating Agent.....	—
Surfactants .....	—

**FOR INDUSTRIAL AND COMMERCIAL USE ONLY**

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER / PELIGRO**

**NET CONTENTS:** 1 Gallon (3.78L)

### FIRST AID

**IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**IF ON SKIN OR CLOTHING:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

**IF IN EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**IF SWALLOWED:** If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

For 24-hour emergency information on this product, call 1-800-441-3637 (US & Canada) or 1-302-774-1139(all other areas).

### PRECAUTIONARY STATEMENTS

**DANGER:** Concentrate is corrosive to eyes and skin. Eye contact may cause permanent impairment of vision, even blindness. Skin contact may cause severe burns. May cause nose and throat irritation. Do not get in eyes, on skin or clothing. Avoid breathing vapor or mist. Wear safety glasses. Where splash potential exists, wear chemical splash goggles. Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants and jacket. Wear NIOSH approved respiratory protection, as appropriate. Keep container closed. Use and store with adequate ventilation. Wash thoroughly after handling.

**CHEMICAL AND PHYSICAL HAZARDS:** This product is a formulated alkaline detergent solution; contamination with other materials such as acids or oxidizing compounds may cause a dangerous chemical reaction. Keep all chemical and foreign materials away from this solution.

### STORAGE AND DISPOSAL

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



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## RECOMMENDED DILUTION RATES

- Heavy soiling: 2.0 – 3.0 ounces per gallon
- Medium soiling: 1.0 – 2.0 ounces per gallon
- Light soiling: 0.25 – 1.0 ounce per gallon

## DIRECTIONS FOR USE

**LOW OR HIGH PRESSURE SPRAYING:** Prepare a stock solution of product (0.25-3.0 ounces per gallon) (2-24 ml/liter), or calibrate your dosing equipment to achieve this dilution. Spray the solution onto all surfaces at an application rate of 1.6 oz/ft<sup>2</sup> (500 ml/m<sup>2</sup>). Using hot water (140-149°F/60-65°C) will improve the effectiveness of the product, particularly in high grease situations. Allow contact time of 5-10 minutes before thoroughly rinsing all surfaces with clean water at high pressure.

**FOAMING:** Prepare a (1-3 ounces per gallon) (8-24 ml/liter) stock solution of product, or calibrate your dosing equipment to achieve this dilution. Apply using a foam lance onto all surfaces at an application rate of 0.8 oz/ft<sup>2</sup> (250 ml/m<sup>2</sup>). Allow a contact time of 5-10 minutes before thoroughly rinsing all surfaces with clean water at high pressure.

## FOOD & EGG PROCESSING EQUIPMENT, UTENSILS AND OTHER FOOD CONTACT SURFACES:

Follow foam cleaning instructions. Thoroughly rinse cleaned surfaces with potable water before they are reused. Where recommended or permitted, apply a sanitizer solution to food contact surfaces before reuse.

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

## MANUFACTURED FOR:

E. I. du Pont de Nemours and Company  
DuPont Animal Health Solutions  
PO Box 80023, Wilmington, DE 19880-0023 USA

**Questions?** Call 1-800-441-7515  
Outside the US, contact: 1-302-774-1000

## DuPont Animal Health Solutions

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Wilmington, DE 19898

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**Fax:** 1-302-892-7656

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