



# Heavy Duty Cleaner

## WATER BASED

## CLEANER AND DEGREASER

# CLEANERS & DEGREASERS

**DESCRIPTION:** BRILLIANT'S Heavy Duty Cleaner is a water based cleaner and degreaser formulated to remove grease, oil, carbon, or any other industrial soil from concrete, machinery, engines, floors, walls, etc. Low foaming for use in automatic scrubbers. Extremely concentrated for dilutions up to 1 ounce per gallon of water. Non-toxic, non-flammable and biodegradable for safe use on all surfaces not harmed by water. Cleans faster, easier and more economically than any product on the market today.

**DIRECTIONS:** Dilute with water depending on the job requirement. Apply by spray, mop, sponge or automatic scrubber. Apply to surface to be cleaned and allow to stand for several minutes. For heavier soils, agitate briskly with a brush or aggressive pad. For normal soil, allow the product to do the work. Wipe clean with a moist rag, sponge or pick up with a wet vac or mop. Where applicable, rinse thoroughly with water. Avoid contact with windows or other glass surfaces.

- Floors, walls, general maintenance: Light soil.....1 part concentrate to 30 parts water (4 ounces per gallon)  
Medium soil.....1 to 10 (13 ounces per gallon)  
Heavy soil.....1 to 5 (26 ounces per gallon)
- Kitchens, engines, machinery, concrete, swimming pools, showers, tires: 1 to 10 (13 ounces per gallon)
- Painted surfaces: Never less than 1 to 10 (13 ounces per gallon)

|                   |                   |                  |
|-------------------|-------------------|------------------|
| <b>PACKAGING:</b> | <u>SIZE</u>       | <u>CATALOG #</u> |
|                   | 2/2.5 gallon case | 64401605         |

### PRODUCT SPECIFICATIONS

|                            |             |                               |                    |
|----------------------------|-------------|-------------------------------|--------------------|
| <b>Active Ingredients:</b> | 18±0.5%     | <b>Emulsification:</b>        | excellent          |
| <b>Color:</b>              | purple      | <b>Detergency:</b>            | excellent          |
| <b>Odor:</b>               | sassafras   | <b>Rinsability:</b>           | complete in water  |
| <b>pH:</b>                 | 12.0 - 13.0 | <b>Flash Point:</b>           | none               |
| <b>Viscosity:</b>          | water thin  | <b>Biodegradability:</b>      | complete           |
| <b>Foam:</b>               | low         | <b>Storage/Stability:</b>     | 2 year             |
| <b>Abrasives:</b>          | none        | <b>Weight Per Gallon:</b>     | 8.79 lbs           |
| <b>Phosphate Content:</b>  | none        | <b>Freeze/Thaw Stability:</b> | keep from freezing |

ISO 9001:2000 Certified  
Certificate No. 2049



**EAGLE** Registrations Inc.  
SERVICE • INTEGRITY • VALUE

**BRILLIANT PRODUCTS**  
P. O. Box 1425 Avon Park, FL 33826  
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**CONTROLLED**

Issue Date: 05/30/08  
Form PB64401605B, Rev (D)

**MATERIAL SAFETY DATA SHEET**

Prepared By: M. Cueto

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

**SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

|  |  |
|--|--|
| <b>Product Name:</b> HEAVY DUTY CLEANER<br><b>Generic Name:</b> Water based cleaner<br><b>Product Group:</b> Cleaner and Degreaser | <b>Supplier's Name:</b> BRILLIANT PRODUCTS<br>P.O. BOX 1425<br>AVON PARK, FL 33826<br><b>Phone #:</b> (813)-890-6594 |
|--|--|

**SECTION 2- INGREDIENT INFORMATION**

| CHEMICAL NAME                  | CAS #      | WT %      | PEL    | TWA-TLV | STEL-TLV |
|--------------------------------|------------|-----------|--------|---------|----------|
| Water                          | 7732-18-5  | up to 100 | N/A.   | N/A.    | N/A.     |
| 2-Butoxyethanol                | 111-76-2   | 5 to 10   | 25 ppm | 25 ppm  | N/A.     |
| Potassium Alykl Aryl Sulfonate | 27177-77-1 | 0 to 5    | N/A.   | N/A.    | N/A.     |
| Potassium Tall Oil Soap        | 61790-44-1 | 0 to 5    | N/A.   | N/A.    | N/A.     |
| Nonionic Surfactant            | 9016-45-9  | 0 to 5    | N/A.   | N/A.    | N/A.     |
| Sodium Metasilicate            | 6834-92-0  | 0 to 5    | N/A.   | N/A.    | N/A.     |
| Dye                            | N/A        | <1        | N/A.   | N/A.    | N/A.     |
| Fragrance                      | N/A        | <1        | N/A.   | N/A.    | N/A.     |

**SECTION 3- PHYSICAL DATA**

**Boiling Point:** 212° F  
**Vapor Pressure:** 20mm @ 68°F  
**% Volatile:** 85+%  
**Solubility in Water:** complete  
**Physical Description:** Thin Tan liquid with characteristic odor .  
**VOC Content:** 5.86% (wt/wt), 0.52 lbs/gal., 61.4 grams/liter.

**Specific Gravity:** 1.048  
**Vapor Density (Air=1):** >1  
**pH:** 12.0-13.0  
**Evaporation Rate (Water=1):** <1

**SECTION 4- FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N.A.  
**Extinguishing Media:** product will not burn  
**Special Firefighting Procedures:** non-flammable  
**Unusual Fire and Explosion Hazards:** N.A.  
**Upper Explosion Limits:** N.A.  
**Lower Explosion Limits:** N.A.

**SECTION 5- REACTIVITY DATA**

**Stability:** Stable  
**Hazard Decomposition Products:** alkali vapors in fire

**Hazardous Polymerization:** None.  
**Incompatibility (Materials to Avoid):** strong acids

**SECTION 6- STORAGE AND HANDLING INFORMATION**

**Warning:** Eye Irritant. May cause skin irritation with prolong or repeated contact. Avoid contact with eyes, skin and clothing. Wear rubber gloves, chemical splash goggles and protective outerwear when handling. Avoid breathing of vapors or mists. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

**SECTION 7- HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure**  
**Skin:** Moderate skin irritant. Prolonged or repeated contact may cause redness, dermatitis  
**Eyes:** Eye irritant. Liquids and mists will cause tearing, redness, burning sensation.  
**Inhalation:** Vapor and mists may be irritating to mucous membranes in the nose, throat and lungs.  
**Ingestion:** Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting and diarrhea. Excessive amounts may cause collapse.

**First Aid Procedures**

**Skin:** Flush with water. Seek medical attention if irritation persists, .  
**Eyes:** Immediately flush with large quantities of water; seek medical attention if irritation persists.  
**Inhalation:** Get to fresh air, get medical attention if irritation persists.  
**Ingestion:** Do NOT induce vomiting. Drink large quantities of water, seek medical attention immediately.

**SECTION 8- SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Use in well ventilated area.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limits.  
**Protective Gloves:** Chemical resistant neoprene or rubber.  
**Eye Protection:** Safety glasses or chemical splash goggles.  
**Other Protective Equipment:** Safety eye bath nearby. Wear protective rubber footwear when using on floors. Wear protective outerwear when danger of mist contact may occur.

**SECTION 9-Spill OR LEAK PROCEDURES**

**Cleanup Procedure for Spills:** Floors will become slippery. Avoid walking on product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewers. Do not dispose of in storm drain, stream, river, or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

**SARA Title III – Section 311/312 – Hazard: (Y/N):** N  
**Fire:** N  
**Sudden Release of Pressure:** N  
**Reactivity:** N  
**Acute IMMEDIATE Health Hazard:** Y.  
**Chronic DELAYED Health Hazard:** N.  
**Other:** N.  
 This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**Shipping Information:**  
 Containers >1 gallon: Cleaning Compound.  
 Containers 1 gallon: Cleaning Compound.  
 Containers <1 gallon: Cleaning Compound.

**HMIS Hazardous Material Identification System**

|                            |          |
|----------------------------|----------|
| <b>Health</b>              | <b>2</b> |
| <b>Flammability</b>        | <b>0</b> |
| <b>Reactivity</b>          | <b>0</b> |
| <b>Personal Protection</b> | <b>D</b> |

For **emergency** and **medical** help line, call **INFOTRAC** at **1-800-535-5053**, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at [www.pride-enterprises.org/MSDS/menu.htm](http://www.pride-enterprises.org/MSDS/menu.htm) or call customer service at **(813)-890-6594**

**SECTION 11- OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.