

Powr-Flite®

www.PowrFlite.com

800.880.2913



BARRAGE Powdered Enzyme Pre Spray

Barrage is a powdered traffic lane and prespray. Its unique blend of surfactants and emulsifiers instantly attack the heaviest of soils, boosting the cleaning of all shampoos and cleaners. Barrage can also be used as an intank boosting agent, when extra power is needed.

- **Contains organic soil eating enzymes.**
- **Boost the power of all shampoos and cleaners for carpet maintenance.**
- **Powder formula is very economical.**
- **Can be used as both a prespray and an intank booster.**
- **Detergent-cleaning system does not leave any soil-attracting residue.**
- **Safe on all fabrics not affected by water.**
- **Cuts through the toughest grease and grime.**

Directions for use

1. Vacuum carpet thoroughly.
2. Test for color fastness of carpet in an inconspicuous area.

Pre spray

1. Dilute 3 dry oz. per gallon of water (1:43) mix thoroughly.
2. Apply directly to the carpets using a pressure sprayer.
3. Allow to dwell for 5 minutes before starting cleaning procedures.

Booster

1. Add to 1 dry oz. per gallon of cleaning solution (1:128).



Technical Specifications

Color: white powder
Fragrance: lemon
pH: 10.0
Weight per gallon: powder
Flash point: na
Solubility in water: excellent
Available in: 50 and 10 lbs.

Powr-Flite®
COMMERCIAL FLOOR CARE EQUIPMENT

MATERIAL SAFETY DATA SHEET (MSDS)

24 HOUR EMERGENCY PHONE: 1-800-424-9300

SECTION 1 - IDENTIFICATION

Name: Barrage

Product: Alkaline Cleaner containing enzymes

Date Prepared: 04/01/00

Manufacturer's Name: Powr-Flite Division of Tacony Corp.

Address: 3101 Wichita Court, Fort Worth, TX 76140-1755

Emergency Telephone Number: 1-800-424-9300

Telephone Information Number: 1-800-880-2913

SECTION 2- HAZARDOUS INFORMATION

Component	CAS #	PEL	TLV	%
Alkoxyated Linear Alcohols	52232-09-4 37311-02-7 37251-67-5	N/A	N/A	< 5 %
Alkyl Diphenyloxide Disulfonate	28519-02-0 25167-32-2	N/A	N/A	< 5 %

Enz-Soil One contains alpha amylase and protease enzymes not considered hazardous per 29 CFR 1910.1200

SECTION 3- PHYSICAL DATA

Boiling Point:	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (air =1):	N/A
Melting Point:	N/A
Specific Gravity (H ₂ O = 1):	0.805/0.810
Evaporation Rate (H ₂ O=1):	N/A
Solubility in Water:	Soluble, or dispersible to at least 5%
Appearance and Odor:	Slightly off-white, non-dusting powder; organic fragrance.

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point:	N/A
Flammable Limits:	N/A
LEL:	N/A
UEL:	N/A
Extinguishing Media:	System does not burn; none needed.
Special Firefighting Procedures:	No special equipment, or procedures required.
Unusual Fire Hazards:	None known; however, carbonates can give up CO ₂ gas at high temperatures. Heat residue will be alkaline.

SECTION 5 - REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Wet conditions.
Incompatibility:	Do not mix with acids.
Hazardous Decomposition:	Small amounts of SO ₂ possible, CO ₂ gas, H ₂ O vapor
Hazardous Polymerization:	Will not occur

HAZARDOUS MATERIAL I.D. SYSTEM	
0	FLAMMABILITY
2	HEALTH
0	REACTIVITY
B	SPECIAL PROTECTION
HAZARD INDEX	
0-MINIMAL 1-SLIGHT 2-MODERATE	
3-SERIOUS 4-EXTREME	



A Tacony Company

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SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:	
Inhalation:	No
Skin:	Yes
Ingestion:	Yes
Eyes:	Yes
Health Hazards (Acute and Chronic):	Skin and eye irritation; harmful if swallowed.
Carcinogenicity:	No
NTP:	No
LARC Monographs:	No
OSHA Regulated:	N/A

Signs and Symptoms of Exposure: Can cause severe eye irritation - burning and reddening of eyes. May cause skin irritation - skin reddens and may crack on continued exposure. Swallowing causes mucous membrane irritation, upset stomach.

Emergency and First Aid Procedures: If eye or skin contact occurs flush with cool running water for 15 minutes. If irritation persists, get medical attention. If swallowed, drink two (2) glasses of water. **DO NOT INDUCE VOMITING.** Get medical attention immediately. Avoid breathing mists of aqueous solutions of this product. Move to fresh air if effects occur and get medical attention.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:
Pick up with a still broom and a shovel. Wash down affected area, avoid making an aerosol - use low pressure. Collect waste water and dispose of it and powder in a lawful manner.

Waste Disposal Method:
No special disposal method required. Dispose of in manner consistent with applicable laws.

Precautions to Be Taken in Handling and Storing:
Keep containers tightly sealed. Store in cool, dry area. Wash hands after using. Keep out of reach of children..

Other Precautions:
Use in accordance with label directions.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type):	None normally required. If mist or aerosol develops during use, wear a face mask or air purifier.
Ventilation:	N/A
Local Exhaust:	General
Protective Gloves:	Rubber or neoprene
Eye Protection:	Chemical goggles
Other Protective Equipment:	None generally needed. Keep product off body and clothing.
Work/Hygienic Practices:	Always wash hands after use. Never spray on or near food, or food contact surfaces.