

POWR-FLITE®

www.PowrFlite.com

800.880.2913

POWR-FORCE SPOTTING KIT Spotting System

Alpha

The first step in the Powr-Flite spotting process. A water/solvent micro-emulsion designed to remove a variety of spills. Alpha is an all-purpose spotter that will remove 98% of all common fiber stains including Betedine. *Packaged: 4x1 gallons, 12X1 quarts and 12X1 pints*

Bravo

The second step in the Powr-Flite spotting process. Designed to aggressively remove water-soluble soils such as soft drinks, coffee, catsup, red wine and similar stains. *Packaged: 12X1 pints*

Charlie

The third step in the Powr-Flite spotting process. Capable of removing water-soluble stains that require the introduction of an acidic agent. Ideal for the removal of water stains and alkaline detergent residue. *Packaged 12X1 pints*

Delta

The fourth step in the Powr-Flite spotting process. An enzyme spotter, formulated for the removal of protein stains such as vomit, blood, and urine. Also good for removing ground in food. *Packaged 12X1 pints*

Echo

The fifth step in the Powr-Flite spotting process. A citrus gel spotter, formulated to remove gum, tar, grease and adhesives from carpeting. A special blend of d-limonene and solvents this spotter will remove all types oil-soluble stains. In gel form to keep product on the carpet surface where stains normally lay. *Packaged 12X1 pints*

Directions for use

1. Vacuum carpet thoroughly.
2. Test for color fastness in an inconspicuous area.
3. Remove all excessive residue.
4. Always follow the A,B,C,D,E order for spotting and de-staining.
5. Liberally apply to spot.
6. Allow to dwell for several minutes.
7. Blot with white absorbent cloth, continue to blot until transfer stops.
8. Repeat as necessary.
9. If product does not remove spot, proceed to the next product.



Powr-Flite®
COMMERCIAL FLOOR CARE EQUIPMENT



MATERIAL SAFETY DATA SHEET (MSDS)

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

SECTION 1 - IDENTIFICATION

Name: Alpha
Product: Aqueous blend of surfactants for spot/stain removal
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	%
Ingredients are non hazardous per 29 CFR 1910.1200				

SECTION 3- PHYSICAL DATA

Boiling Point: >212°
Vapor Pressure (mm Hg.): N/A
Vapor Density (air =1): N/A
Melting Point: N/A
Specific Gravity (H₂O = 1): 1.00
Evaporation Rate (H₂O=1): N/A
Solubility in Water: Complete
Appearance and Odor: Light blue liquid with fresh air fragrance

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: None
Flammable Limits: N/A
Extinguishing Media: Use foam, CO₂, Dry chemical
Special Firefighting Procedures: None known
Unusual Fire Hazards: None known
Explosion Hazards: None known

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Incompatibility: Strong oxidizing agents
Hazardous Decomposition: Oxides of carbon & unidentified organic compounds may be formed.
Hazardous Polymerization: Will not occur

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



A Tacony Company

3101 Wichita Court • Ft. Worth, TX 76140-1755

This information is furnished without warranty, or license of any kind, except that it is accurate to the best of Powr-Flite's knowledge or obtained from sources believe by Powr-Flite to be accurate. Powr-Flite does not assume any legal responsibility for use or reliance upon same.

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:
Inhalation: Yes
Skin: Yes
Ingestion: Yes
Eyes: Yes
Health Hazards (Acute and Chronic): May cause eye and mucous membrane irritation. May cause skin irritation. Harmful if Swallowed.
Carcinogenicity: No
NTP: No
LARC Monographs: No
OSHA Regulated: N/A

Signs and Symptoms of Exposure: Irritation of skin and/or eyes; if swallowed, nausea.

Emergency and First Aid Procedures: If eye or skin contact occurs flush with cool running water for at least 15 minutes. If irritation persists, get medical attention. If swallowed, rinse mouth with water. **DO NOT INDUCE VOMITING.** Get medical attention immediately. Avoid breathing mists. If effects occur move to fresh air. If persistent, get medical attention.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:
Soak up product with suitable absorbent material and place in non-leaking, properly labeled container for proper disposal.

Waste Disposal Method:
Treat or dispose of according to Federal, State, Local regulations and the Resource Conservation and Recovery Act.

Precautions to Be Taken in Handling and Storing:
Keep locked in storage sufficient to make inaccessible to children or persons unfamiliar with its proper use. Keep from freezing, store in a cool, dry place, keep container closed tightly when stored. Keep away from heat, sparks, or other ignition sources.

Other Precautions:
Wash contaminated clothing before re-use. Do not contaminate water, food or feed by storage or disposal. Do not re-use empty container, use in accordance with label directions.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): None required
Local Exhaust: Normal
Protective Gloves: Rubber or neoprene
Eye Protection: Chemical goggles
Other Protective Equipment: None required when used as specified.

Work/Hygienic Practices: Wash exposed skin after use.

MATERIAL SAFETY DATA SHEET (MSDS)

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

SECTION 1 - IDENTIFICATION

Name: Bravo
Product: Liquid, water based alkaline cleaner (pH 10.0)
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	%
Dipropylene glycol monomethyl ether	34590-94-8		100 PPM	< 15%
Naphthalene Sulfonic Acid, Methyl-, Sodium Salt	26264-58-4		N/A	< 15%

SECTION 3- PHYSICAL DATA

Boiling Point: 212°F
Vapor Pressure (mm Hg.): N/A
Vapor Density (air =1): N/A
Melting Point: N/A
Specific Gravity (H₂O = 1): 1.07 - 1.09
Evaporation Rate (H₂O=1): N/A
Solubility,v in Water: Soluble
Appearance and Odor: Light amber liquid, citrus odor
pH (1% solution): 10.0

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: > 200°F (ASTM D93)
Flammable Limits: None
Extinguishing Media: Water spray, dry chemical, carbon dioxide
Special Fire Fighting Procedures: Use NIOSH/MSHA approved self-contained breathing apparatus in areas this material is involved in a fire.
Unusual Fire Hazards: None known

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Incompatibility: Strong acids and strong Oxidizing agents
Hazardous Decomposition: Carbon dioxide, carbon monoxide, hydrogen chloride (minute amount)
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

3101 Wichita Court • Ft. Worth, TX 76140-1755

This information is furnished without warranty, or license of any kind, except that it is accurate to the best of Powr-Flite's knowledge or obtained from sources believe by Powr-Flite to be accurate. Powr-Flite does not assume any legal responsibility for use or reliance upon same.

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:
Inhalation: Yes
Skin: Yes
Ingestion: Yes
Eyes: Yes
Health Hazards (Acute and Chronic): Can cause severe or permanent damage to skin & eyes. Harmful if swallowed.
Carcinogenicity: No
NTP: No
LARC Monographs: No
OSHA Regulated: N/A

Signs and Symptoms of Exposure: of skin and or eyes; of swallowed diarrhea, nausea.

Emergency and First Aid Procedures: If eye or skin contact occurs, flush with cool running water for at least 15 minutes. If irritation persists, get medical attention. If swallowed, rinse mouth with water. **DO NOT INDUCE VOMITING.** Get medical attention immediately. Avoid breathing mists. If effects occur, move to fresh air. If persistent, get medical attention.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:
Flush with water.

Waste Disposal Method:
Normal - make sure all federal, state and local regulations are observed.

Precautions to Be Taken in Handling and Storing:
Keep locked in storage sufficient to make inaccessible to children or persons unfamiliar with its proper use. Keep from freezing. Store in a cool, dry place. Keep container closed tightly when stored.

Other Precautions:
Wash contaminated clothing before re-use. Do not contaminate water, food, or feed by storage or disposal. Do not re-use empty container. Use in accordance with label directions.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): None required
Local Exhaust: Normal
Protective Gloves: Rubber or neoprene
Eye Protection: Chemical goggles
Other Protective Equipment: None required when used as specified.
Work/Hygienic Practices: Wash exposed areas after use.

MATERIAL SAFETY DATA SHEET (MSDS)

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

SECTION 1 - IDENTIFICATION

Name: Charlie

Product: Liquid, water based acidic cleaner (ph 2.8/3.2)

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	%
I-Hydroxyethylidene-I, I-Diphosphinic Acid	2809-21-4	None	None	< 5%
Alkoxylated Linear Alcohol's	52232-09-4 37311-02-7 37251-67-5			
Tri ethanol amine	102-71-5	N/A	3PPM	< 5%

SECTION 3 - PHYSICAL DATA

Boiling Point:	212°F
Vapor Pressure (mm Hg.):	N/A
Vapor Density (air =1):	N/A
Melting Point:	N/A
Specific Gravity (H ₂ O = 1):	1.021/1.04
Evaporation Rate (H ₂ O=1):	N/A
Solubility, v in Water:	100%
Appearance and Odor:	Clear, light tan colored liquid with fresh air fragrance.
pH (1% solution):	2.8/3.2

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point:	None
Flammable Limits:	N/A
LEL:	N/A
UEL:	N/A
Extinguishing Media:	Water spray, dry chemical, or carbon dioxide
Special Fire Fighting Procedures:	Use NIOSH/MSHA approved self-contained breathing apparatus in areas this material is involved in a fire.

SECTION 5 - REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	None known
Incompatibility:	Strong bases and strong oxidizing agents
Hazardous Decomposition:	Oxides of nitrogen
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	

Powr-Flite
COMMERCIAL FLOOR CARE EQUIPMENT

A Tacony Company

3101 Wichita Court • Ft. Worth, TX 76140-1755

This information is furnished without warranty, or license of any kind, except that it is accurate to the best of Powr-Flite's knowledge or obtained from sources believe by Powr-Flite to be accurate. Powr-Flite does not assume any legal responsibility for use or reliance upon same.

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:	
Inhalation:	Yes
Skin:	Yes
Ingestion:	Yes
Eyes:	Yes
Health Hazards (Acute and Chronic):	Causes eye irritation. May cause skin irritation. Harmful if swallowed. Inhalation may be irritating to mucous membranes and respiratory tract.
Carcinogenicity:	No
NTP:	No
LARC Monographs:	No
OSHA Regulated:	N/A

Signs and Symptoms of Exposure: Skin or eye irritation; if swallowed - diarrhea and or nausea. Irritation of nose, throat, respiratory passages.

Emergency and First Aid Procedures: If eye contact occurs flush with cool running water for at least 15 minutes and get medical attention immediately. If skin contact occurs rinse with cool running water. If irritation persists obtain medical attention. If swallowed, drink large amounts of water and get medical attention immediately. If product mist (vapor) is inhaled, move to fresh air. If irritation persists, get medical attention.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:
Flush with water; if large spill, treat with soda ash then flush with water.

Waste Disposal Method:
Dispose of in accordance with all applicable local, state, and federal laws.

Precautions to Be Taken in Handling and Storing:
Keep under locked storage sufficient to make inaccessible to children or persons unfamiliar with its proper use. Keep from freezing. Store in a cool place. Keep container closed when stored. Wash hands after using.

Other Precautions:
Wash contaminated clothing before re-use. Do not contaminate water, food or feed by storage or disposal. Do not re-use container. Use in accordance with label directions.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type):	None required
Local Exhaust:	Normal
Protective Gloves:	Rubber or neoprene
Eye Protection:	Chemical goggles
Other Protective Equipment:	None required when used as specified.
Work/Hygienic Practices:	Wash exposed skin area after use.

MATERIAL SAFETY DATA SHEET (MSDS)

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

SECTION 1 - IDENTIFICATION

Name: Delta

Product: Liquid, water based 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	%
Propylene Glycol	57-55-6	N/A	N/A	< 35%
Alkoxylated Linear Alcohols	52232-09-04 37311-02-7	N/A	N/A	< 5 %

SECTION 3- PHYSICAL DATA

Boiling Point:	> 212°F
Vapor Pressure (mm Hg.):	N/A
Vapor Density (air =1):	N/A
Melting Point:	N/A
Specific Gravity (H ₂ O = 1):	1.00 +/- 0.02
Evaporation Rate (H ₂ O=1):	N/A
Solubility, v in Water:	100%
Appearance and Odor:	Light straw, clear liquid with no odor

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point:	None
Flammable Limits:	N/A
LEL:	N/A
UEL:	N/A
Extinguishing Media:	None
Special Fire Fighting Procedures:	None
Unusual Fire Hazards:	None known

SECTION 5 - REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	High temperatures degrade enzyme activity
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	N/A
Hazardous Polymerization:	Will not occur

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

Powr-Flite
COMMERCIAL FLOOR CARE EQUIPMENT

A Tacony Company

3101 Wichita Court • Ft. Worth, TX 76140-1755

This information is furnished without warranty, or license of any kind, except that it is accurate to the best of Powr-Flite's knowledge or obtained from sources believe by Powr-Flite to be accurate. Powr-Flite does not assume any legal responsibility for use or reliance upon same.

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation:	Yes
Skin:	Yes
Ingestion:	Yes
Eyes:	Yes

Health Hazards (Acute and Chronic): May lead to allergic sensitization based on exposure level, duration and susceptibility.

Carcinogenicity:	No
NTP:	No
LARC Monographs:	No
OSHA Regulated:	N/A

Signs and Symptoms of Exposure: Allergic reactions

Emergency and First Aid Procedures: If eye or skin contact flush with cool running water for at least 15 minutes; if irritation persists get medical attention. If swallowed, rinse mouth with water and get medical attention. **DO NOT INDUCE VOMITING.** If inhaled and causes irritation, move to fresh air. Get medical attention if effects persist.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:

Contain and absorb liquid spill with inert material, collect waste in suitable container and wash exposed surfaces with water.

Waste Disposal Method:

Make sure that all federal, state and local regulations are followed.

Precautions to Be Taken in Handling and Storing:

Keep locked in storage sufficient to make inaccessible to children or persons unfamiliar with its proper use. Keep from freezing, store in a cool, dry place. Keep container closed tightly when stored.

Other Precautions:

Wash contaminated clothing before re-use. Do not contaminate water, food or feed by storage or disposal. Do not re-use empty container, use in accordance with label directions. Wash hands after using.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type):	None required
Local Exhaust:	Normal
Protective Gloves:	Impermeable type recommended
Eye Protection:	Chemical goggles
Other Protective Equipment:	None required when used as specified
Work/Hygienic Practices:	Wash hands after using. All operators (users) should become familiar with all use and safety data on product.

MATERIAL SAFETY DATA SHEET (MSDS)

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

SECTION 1 - IDENTIFICATION

Name: Echo

Product: Citrus gel for removing gum, tar, grease, adhesives

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

The criteria for listing components in this section is as follows:

Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater; Non-hazardous components are not listed. This is not a complete composition disclosure.

Component	CAS #	PEL	TLV	%
d-Limonene	5989-27-5			< 50%

SECTION 3- PHYSICAL DATA

Boiling Point:	> 212° F
Vapor Pressure (mm Hg.):	N/A
Vapor Density (air =1):	< 1
Melting Point:	N/A
Specific Gravity (H ₂ O = 1):	0.941
Evaporation Rate (H ₂ O=1):	< 1
Solubility, v in Water:	Dispersible
Appearance and Odor:	Clear to slightly hazy gel with citrus/orange odor

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point:	> 120° F
Flammable Limits:	Lower 115° F, Upper 119° F
LEL:	N/A
UEL:	N/A
Extinguishing Media:	CO ₂ foam and dry chemical
Special Fire Fighting Procedures:	SCBA recommended. Smother to extinguish fire. Do not use water. Handle as an oil fire.
Unusual Fire Hazards:	Combustible liquid. Keep away from heat and open flame.

SECTION 5 - REACTIVITY DATA

Stability:	Stable-normal conditions
Conditions to Avoid:	Excessive heat
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	CO, CO ₂ , and smoke. Product is not an oxygen donor.
Hazardous Polymerization:	Will not occur

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

Powr-Flite
COMMERCIAL FLOOR CARE EQUIPMENT

A Tacony Company

3101 Wichita Court • Ft. Worth, TX 76140-1755

This information is furnished without warranty, or license of any kind, except that it is accurate to the best of Powr-Flite's knowledge or obtained from sources believe by Powr-Flite to be accurate. Powr-Flite does not assume any legal responsibility for use or reliance upon same.

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation:	Yes
Skin:	Yes
Ingestion:	Yes
Eyes:	Yes

Health Hazards (Acute and Chronic): Eye and skin irritant.
Respiratory irritant. May be harmful if swallowed

Carcinogenicity:	No
NTP:	No
LARC Monographs:	No
OSHA Regulated:	No

Signs and Symptoms of Exposure: Can cause moderate to high irritation of eyes. Prolonged skin exposure may cause drying, defatting, and dermatitis. Ingestion may cause vomiting, headaches or other medial problems. Inhalation may cause nose, throat and respiratory irritation.

Emergency and First Aid Procedures: If eye contact occurs, flush with cool running water for 15 minutes. If irritation occurs, get medical attention. If skin contact occurs, wash areas with soap and rinse thoroughly with running water. In case of ingestion, **DO NOT INDUCE VOMITING.** Rinse mouth with water and seek immediate medical attention. Avoid breathing mists of this product. If effects occur, move to fresh air and seek medical attention if effects persist.

SECTION 7 - PRECAUTIONS FOR HANDLING & USE

Steps to be taken in case material is released or spilled:
Use a chemical spill absorbent. Sweep up and place in suitable container.

Waste Disposal Method:
Dispose of waste in accordance with local, state and federal provisions

Precautions to Be Taken in Handling and Storing:
Store away from all heat sources. Keep away from strong oxidizing agents. Do not store in plastic containers.

Other Precautions:
Keep storage containers tightly sealed when not in use.

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): Local exhaust should be adequate. Use mechanical ventilation if necessary.

Local Exhaust: Normal
Protective Gloves: Neoprene, PVC or Butyl.
Eye Protection: Use safety glasses or chemical goggles.

Other Protective Equipment: Contaminated clothing should be washed and dried before reusing.

Work/Hygienic Practices: Always wash hands after use. Never spray on or near food, or food contact surfaces.