



**WATER-SOLUBLE • PREMEASURED PACKETS • DISPENSER FREE
Packaged For Institutional and Industrial Use**

FLOOR CONDITIONER and NEUTRALIZER

**CONDITION FLOORS AND
NEUTRALIZE ODORS IN ONE QUICK
AND EASY STEP.**

Condition floors for better sealing, prevent leveling and powdering problems, and neutralize odors in one quick and easy step with **Water Flakes® Floor Conditioner and Neutralizer**.

Add **Floor Conditioner and Neutralizer** to rinse-water to neutralize and remove alkaline residue after floor stripping. Eliminates dulling, discoloring and hazing so floor finishes look better and last longer. **Floor Conditioner and Neutralizer** removes brown water spots left in carpets by hard water and the white residue left by some ice melt compounds.

Floor Conditioner and Neutralizer controls urine odor in restrooms. When urine odors are removed, restroom users tend to keep the area cleaner, and restroom maintenance becomes simpler and less expensive.

Floor Conditioner and Neutralizer is premeasured and is packaged in a 100% biodegradable water-soluble film that dissolves completely in water. No need to measure, pour or cut open packages. This is a quick and easy way to condition and neutralize your floor. Drop one water-soluble pouch into three gallons of warm water. Then apply with a mop, sponge or cloth.

Directions

After cleaning or stripping, remove cleaning or stripping solution with mop or wet vac. Add one packet of **Floor Conditioner and Neutralizer** to 3 gallons of water. Stir gently to form a uniform solution. Apply solution with a mop, sponge or cloth. On floors to be sealed or finished, pick up the distributed solution with a mop or wet vac, then let air dry. For other applications, allow surface to air dry.

Ingredients

The primary ingredient in **Floor Conditioner and Neutralizer** is citric acid.

Packaging

ST-796 is packed 2 x 90 x 0.5 wt. oz. packets per case, case weight is 7.5 lbs.

Caution

Do not handle packets with wet hands. Do not remove packets from container prior to use. Humidity and water will destroy the packet integrity.

Recognized for
Safer Chemistry



Chemical Characteristics

Abrasive	no
Appearance.....	white powder
Biodegradable	yes
California Compliant.....	yes
Corrosive	no
EPA/Design for the Environment Recognized..	yes
Fragrance	none
Non-Acid	no
Non-Butyl	yes
Non-Flammable	yes
Non-Toxic.....	no
NSF Certified	C1
pH (use dilution).....	4.0-5.0
Phosphate-Free	yes
Sara 313 notification required.....	no
Solubility in water	complete
VOC Compliant.....	yes

796tek 3/09



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MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Floor Conditioner and Neutralizer (Water Flakes®) Formula ID Number: FP10
MSDS File Name: WF FLR COND AND NEUT
Synonyms: ST-796, ST-729 EPA Reg #: None
DOT Hazard Class: None
Company: Stearns Packaging Corporation DOT Shipping Name: Compound, cleaning, NOI,
4200 Sycamore Ave. (53714) powder. Item 48581, Class 55
PO Box 3216 NSF Certified: C1, 7/20/04
Madison, WI 53704-0216 EPA/DfE Recognized: Yes
Phone: 800-655-5008
Fax: 608-246-5149
Website: www.stearnspkg.com

Concentrate		In Dilution		HAZARD RATING
0	Flammability	0		
1	Health	1		
0	Reactivity	0		
None	Special Hazard	None		

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Emergency Contact: CHEM-TEL, 800-255-3924

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Citric acid	77-92-9	Irritant			>50%
Sodium carbonate	497-19-8	Irritant			10-20%

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Solubility in water: Complete Vapor Pressure (mm Hg): N.D. pH (Concentrate): N.D.
White granules and crystals; Boiling Point: N.D. Vapor Density (Air=1): N.D. pH (1% Solution): 4.4
Unscented Melting Point: 153° Evaporation Rate (Water=0.3): N.D. Specific Gravity: N.A.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F Extinguishing Media: N.A.
Flammable Limits LEL: N.A. Special Fire Fighting Procedures: Use full protective clothing and self-contained
UEL: N.A. breathing apparatus.
Unusual Fire & Explosion Hazards: None

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: Unstable: _____ Hazardous Polymerization: May Occur _____ Will Not Occur
Conditions to Avoid: Freezing and extreme heat. Hazardous Decomposition or By-Products: None known
Incompatibility (Materials to Avoid): Strong acids and bases.

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Mildly acidic; may cause burning to eyes and respiratory passages. Possible irritant to skin over prolonged periods of exposure. Emergency and First Aid Procedures:
Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes. Eyes: If contact occurs, flush with plenty of cool water for 15 minutes. Consult a physician.
Medical Conditions Aggravated by Exposure: N.D. Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
Carcinogenicity: IARC Monographs? Yes _____ No Inhalation: Remove from exposure. Obtain medical attention immediately.
NTP? Yes _____ No OSHA Regulated? Yes _____ No Ingestion: May be harmful if swallowed. Drink large amounts of water or milk.
DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods.

NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on physician's judgment in response to the patient's reaction.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts. Steps to be Taken if Material is Spilled or Released: Sweep up for salvage or disposal. Take care to avoid contact with large amounts of dust.
Mechanical: Recommended for control of dusts.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact. Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.
Eye Protection: Avoid eye contact. Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust. Avoid high humidity as it causes caking.
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area.
Other Precautions: Keep out of the reach of children.

SECTION 8 – OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 . No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.

CANADA REGULATORY INFORMATION -

WHMIS (Canada) Hazard Classification: Class D2B: Toxic Material
Transportation of Dangerous Goods Regulations: Not Regulated by TDGR

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.