

## **POWERSTAR® 1100 DENSIFYING TREATMENT**

*Clear, odorless, neutral pH solution that penetrates concrete to enhance dyes and create a harder, more durable surface.*

### **FEATURES**

- *Clear and odorless*
- *No rinsing or disposal*
- *Reduces tire marks*
- *Does not need to be removed*



### **RECOMMENDED APPLICATIONS**

For concrete, stucco, and terrazzo.

### **PRODUCT DATA**

Appearance:	Clear, colorless liquid
Fragrance:	None added
pH:	6.5 ± 0.5 ASTM E70-97
Density:	8.7 lb per gal @ 68°F 1.04 kg per liter @ 20°C
Flash Point:	None
Freeze/Thaw:	Do not freeze
Shelf Life:	1 year

### **PRECAUTIONS**

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly; mix thoroughly before using.

### **ORDERING INFORMATION**

Product #419GL5:	2 x 2.5 gallons per case (2 x 9.5 liters)
Product #419DR5:	55 gallons

### **DIRECTIONS FOR USE:**

1. Apply with low-pressure sprayer or automatic scrubber. Treatment can be worked in with a brush, broom, or automatic scrubber to ensure uniform coverage.
2. Keep surface wet with PowerStar 1100 Densifying Treatment for a minimum of 30 minutes.
3. Allow floor to air dry 1-2 hours prior to exposure to traffic.
4. After the treatment has dried, the surface may be optionally cleaned with an automatic scrubber.

**NOTE:** PowerStar 1100 Densifying Treatment is an RTU product designed to be used undiluted.

**USE PRECAUTIONS.** Do not walk on the floor while the product is drying.

# POWERSTAR 1100 DENSIFYING TREATMENT

**LAST REVISION DATE:** 09/28/09  
**MANUFACTURER:** Amano Pioneer Eclipse® Corp.  
 Sparta, NC 28675 Phone: 1-336-372-8080.  
**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire,  
 Exposure or Accident **CALL CHEMTREC - Day  
 or Night 1-800-424-9300** Toll Free in the  
 Continental US **483-7616** in DISTRICT OF  
 COLUMBIA. For calls originating outside the US:  
 Call Collect **1-202-483-7616** Washington, DC.

**SECTION I: GENERAL INFORMATION**

**PRODUCT NAME:** PowerStar® 1100 Densifying  
 Treatment  
**PRODUCT #:** 419  
**DESCRIPTION:** Clear, colorless liquid  
**PRECAUTIONS:** Possible skin and eye irritant.  
 Keep container sealed when not in use. Keep out  
 of reach of children.  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**HEALTH:** 1  
**NFPA HAZARD RATINGS**

4-EXTREME	3-HIGH	2-MODERATE
1-SLIGHT	0-INSIGNIFICANT	



**SECTION II: HAZARDOUS INGREDIENTS**

**INGREDIENT:** Silica, amorphous  
**CAS#:** 7631-86-9  
**%:** 10-30  
**OSHA PEL:** 6 ppm (TWA)  
**ACGIH TLV:** 6 ppm (TWA)  
**LD<sub>50</sub> SPECIES & ROUTE:** >5000 mg/kg rat, oral

N/E = Not Established, N/L = Not Listed,  
 N/A = Not Applicable

**SECTION III: PHYSICAL/CHEMICAL DATA**

**APPEARANCE:** Clear, colorless  
**pH:** 6.5 ± 0.5  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Greater than air  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 8.7 lb per gal @ 68°F  
 1.04 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Miscible

**SECTION IV: FIRE AND EXPLOSION DATA**

**FLASH POINT:** Non-combustible  
**EXPLOSIVE LIMITS:**  
 LOWER: N/A UPPER: N/A  
**EXTINGUISHING MEDIA:** N/A  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**HAZARDOUS COMBUSTIBLE PRODUCTS:** Oxides  
 of carbon  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 Materials can splatter above 100°C / 212°F.  
 Polymer can burn.

**SECTION V: REACTIVITY DATA**

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):**  
 Strong acids and bases.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A  
**REACTIVITY CONDITIONS:** None

**SECTION VI: HEALTH HAZARD DATA**

**EYES:** Slightly irritating to eyes. For eye contact,  
 flush with a large amount of water for at least  
 15 minutes. See a physician if irritation persists.  
**SKIN:** Irritating to skin upon repeated or  
 prolonged contact. For skin contact, wash  
 affected areas with soap and water.  
**INHALATION:** Vapor or mist can cause irritation  
 of the eyes, nose, throat and lungs. For  
 overexposure, move subject to fresh air.  
**INGESTION:** Irritation to mouth, esophagus  
 and stomach. If ingested, drink two glasses of  
 water and do not induce vomiting.  
 Seek medical attention.  
**CHRONIC EFFECTS AND MEDICAL CONDITIONS  
 AGGRAVATED BY OVEREXPOSURE:** Prolonged or  
 repeated contact can cause drying, defatting and  
 dermatitis to skin.  
**CARCINOGEN:** Non-carcinogenic  
**REPRODUCTIVE EFFECTS:** N/E  
**TERATOGENICITY:** N/E  
**MUTAGENICITY:** N/E  
**THRESHOLD LIMIT VALUE:** See Section II.

**SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES**

**SMALL SPILLS:** Absorb spill with inert material  
 (e.g. sand, earth) and dispose of as waste  
 material in accordance with local, state and  
 federal regulations.  
**LARGE SPILLS:** Keep spectators away. Floors  
 may be slippery; use care to avoid falling. Dike  
 and contain spill with inert material (e.g. sand,  
 earth). Transfer liquid to containers for recovery  
 or disposal and solid diking material to separate  
 containers for disposal. Keep spills and cleaning  
 runoff out of sewers and open bodies of water.  
**WASTE DISPOSAL:** Dispose of as waste  
 material in accordance with local, state, and  
 federal regulations.

**SECTION VIII: SPECIAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
**EYES:** None required under normal conditions of  
 use. Safety glasses recommended.  
**SKIN:** If prolonged or repeated contact is  
 possible, chemical-resistant clothing (e.g., rubber  
 gloves) is recommended.  
**RESPIRATORY:** No respiratory protection is  
 required if ventilation is adequate.  
**ENGINEERING CONTROLS:** Good general room  
 ventilation is expected to be adequate. Local  
 exhaust ventilation (e.g., fans) may be necessary  
 when general ventilation does not keep airborne  
 concentrations below any exposure limits.

**SECTION IX: SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:**  
 Storage temperature (MAX. 60°C / 140°F)  
 (MIN. 1°C / 34°F)  
**OTHER PRECAUTIONS:** Keep from freezing;  
 product may coagulate.

**SECTION X: ADDITIONAL INFORMATION**

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This MSDS has been provided to you in accordance  
 with the OSHA HAZARD COMMUNICATION STANDARD  
 (29CFR1910.1200).

\*\*\*IMPORTANT SAFETY INFORMATION  
 DO NOT DISCARD\*\*\*  
 \*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

