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Swing Guard MATERIAL SAFETY DATA SHEET

(Prepared according TO 29 CFR 1910, 1200)

Date Prepared: 07-16-99

HAZARD RATING	Fire	Reactivity
EXTREME	0	
HIGH	3	0
MODERATE		
SLIGHT		
INSIGNIFICANT		
	Health	Special
		COR

SECTION 1 - PRODUCT IDENTIFICATION		Emergency Telephone No. 1-800-535-5053	
Company Name Peck's Product		Information Telephone No. 1-800-325-8891	
Address 1220 Switzer Avenue, St. Louis, MO 63147		Product Type Liquid Softener/Sour	
Product Name / ID# Swing Guard (890)		☒ Proprietary Product	
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Hydrofluoroacetic Acid	16981-83-4	<1%	2.5mg/m fluorides (as F) (ACGIH)
*Phosphoric Acid	7664-38-2	<5%	1mg/m ³ (ACGIH)
☒ Substances ☐ Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.			
SECTION 3 - PHYSICAL DATA			
Boiling Point (°F) about 212°F	Specific Gravity (H ₂ O=1.0) 1.01	pH <1.2	% VOC (ww) 1.3%
Solubility in Water	☒ Complete ☐ Insoluble	☐ Emulsifiable or (Dispersible) ☐ Slight (or Partial)	
Evaporation Rate (vs H ₂ O)	☐ Faster ☐ Slower ☒ About the Same	Vapor Pressure NE	Vapor Density NE
Appearance and Odor Light green, semi-opaque liquid, citrus odor.			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.)	☒ None to boiling	Flammable Limits Upper NA	Lower NA
Extinguishing Media	None		
Special Fire Fighting Procedures	None		
Unusual Fire Explosion Hazards	None		
SECTION 5 - REACTIVE DATA			
Stability	Stable	Incompatibility	Strong concentrated acids; bases; readily oxidizable materials; alkali metals; glass
Hazardous Decomposition Products	Hydrogen gas upon contact with certain metals		
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value Product	☒ None Established ☐ Not Applicable	Primary routes of Exposure ☒ Eyes ☒ Skin ☒ Oral ☒ Inhalation	
See Section 2 for ingredients TLV			
Signs Symptoms of Over-exposure (Acute) May cause burns to skin and eyes. May cause severe irritation to mouth, throat, and stomach if swallowed.			
Inhalation of mist may cause severe irritation to nose, throat, and lungs.			
Signs Symptoms of Over-exposure (Chronic) Prolonged exposure could have a corrosive effect on mucus membranes and possibly result in some bone changes			
Medical Conditions Aggravated by Over-exposure Open sores, eye and skin allergies.			
Carcinogen/Suspected Carcinogen Ingredients ☐ NTP ☐ IARC ☐ OSHA ☒ None			
SECTION 7 - FIRST AID PROCEDURES (If any Condition persists - Consult a physician.)			
Eyes.	Flush with plenty of water for 15 minutes. Consult a physician.		
Skin.	Flush with plenty of water for 15 minutes. Remove contaminated clothing and wash before reuse.		
Ingestion.	Give quantities of water to dilute. Do NOT induce vomiting. Get medical attention immediately.		
Inhalation.	Remove to fresh air. If qualified, give oxygen or artificial respiration as needed and/or seek medical help		
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection	Normal ventilation, NIOSH approved respirator if TLV is exceeded.		
Ventilation requirements	☒ Local Exhaust ☒ Mechanical	As needed to keep below any listed TLV and/or for general good ventilation	
Protective Gloves	Rubber gloves		
Other Protective Clothing	Eye Protection Safety goggles		
If handling larger volumes of material, it is recommended that other impervious clothing such as a rubber apron, boots, etc. be worn as appropriate to prevent skin contact.			
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled Neutralize with mild alkali such as baking soda. Place in appropriate container(s) for disposal			
Waste Disposal Methods Check all government regulations. Probable that dilute neutralized material can be flushed to sanitary sewer system.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage Keep from freezing. Store so as to be inaccessible to children. Wash thoroughly after handling.			