

MSDS No. 0630
Date: March, 1993

Material Safety Data Sheet

Manufacturer's Name
J. Penner Corporation
17 Welden Drive
Doylestown, PA 18901

Emergency Tel. No. 215-340-9700
Information Tel. No. 215-340-9700

Section I - Product Identification

Trade Name/Synonyms:	Part No.:
Weber Costello Markerboard Cleaner - 8 oz.	920080
Weber Costello Markerboard Cleaner - 16 oz.	920090

<u>Ingredients</u>	<u>CAS No.</u>	<u>% of Total Weight</u>
Water	7732-18-7	<95
Ethylene Glycol-Monobutyl Ether	111-76-1	<10
Octylphenoxy Polyethoxethanol	9036-11-1	< 2
Trisodium Phosphate crystalline	7601-07-5	< 2
Dye: CI Reactive Blue 41	NE	<.1

Section II - Emergency and First Aid

Eyes: Flush with water for 15 minutes. See physician.

Skin: May cause irritation. Wash with soap and water.

Inhalation: May cause irritation of respiratory tract.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. Induce vomiting with small sips of water. Call physician.

Symptoms of Overexposure: short term eye - eye irritant/may cause conjunctivitis

Medical Conditions Generally Aggravated by Exposure: None recognized

Section III - Toxicology and Health Information

This product has been tested and evaluated by J. Penner Corporation. When used as intended, it does not represent a health or safety hazard.

Oral LD50: .5g/kg (Rats) practically non-toxic TLV: None established
 Dermal LD50: None available
 Inhalation LC50: None available PEL: N/A
 Eye Irritation: None available
 Skin Irritation: None available
 Skin Sensitization: None available
 Human Patch: Non-sensitizing
 Mutagenicity: No mutagenicity detected in the Ames Assay
 Carcinogens: None present
 Aquatic LC50: None available

Section IV - Physical Data

Appearance/Odor: Light blue with faint chemical odor Softening Range: N/A
 Boiling Point: 210-225°F Melting Point: N/A
 Solubility in Water: 100% Specific Gravity (H2O=1): 1.0
 Evaporation Rate: (Butyl Acetate =1) >1 Vapor Pressure (mmHg):
 Vapor Density (Air=1): >1
 Volatile: (Wgt.)

Section V - Fire and Explosion Data

Flash Point (Method Used) N/A - Non-flammable Flammable Limits: LEV N/A UEL N/A
 Extinguishing Media: Not applicable
 Special Fire Fighting Procedures: Not applicable
 Fire and Explosion Hazards: Not applicable

Section VI - Reactivity Data

Stability: Unstable Conditions to Avoid
 Stable X
 Incompatibility (Materials to Avoid)
 Hazardous Decomposition or Byproducts: Carbon Monoxide
 Hazardous Polymerization: May Occur Conditions to Avoid
 Will not Occur None recognized

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Section VII - Special Protection Information

Respiratory Protection: None usually required
Eye Protection: Goggles/face shield to prevent possible eye irritation
Protective Gloves: Yes to avoid possible irritation
Ventilation: Local Exhaust: Yes
Other Protective Clothing or Equipment: None

Section VIII - Special Precautions

Precautions to be taken in Handling and Storing: Protective gloves: use to prevent possible skin irritation.
Other Precautions: Do not store near flames or at elevated temperature

Section IX - Spill, Leak and Disposable Procedures

Steps to be taken in Case Material is Released or Spilled:
Flush with Water
Waste Disposal Method: Dispose in accordance with applicable local state and federal regulations.

Section X - Transportation Information

DOT Proper Shipping Name: Consumer Commodity ID Number: None required
ORM-D
Hazard Classification: Non-Hazardous