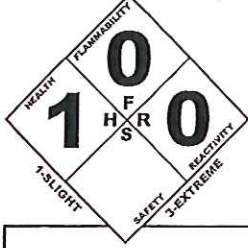


NFPA RATING
0 = none to
4 = hazardous rating



Film-Away™ Rinse Agent W-1010-C/D/E

DATE PREPARED: 09/21/02

DATE REVISED: 10/06/02

page 1 of 3

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I



PEN Products
Indiana Department of Correction
6075 Lakeside Boulevard
Indianapolis, Indiana 46278

Toll Free: (800) PEN-2550

Direct: (317) 388-8580

24-Hour Emergency Number - Chemtrec (800) 424-9300

Common Name: Dishwasher Rinse Aid

HMIS Hazard Ratings	
Health	1
Flammability	0
Reactivity	0
Personal Protection	B

Identity (As listed on label): Film-Away™ Rinse Agent
Warewash Product

Information Telephone No.: (317) 926-1267

Preparer: G.F. Kite, Ph.D.

Chemical Name: NA

Supplier's Generic Name: NA

Synonyms: NA

Hazard Class: DOES NOT APPLY

Other Identifying Data: Green liquid

General Information: FOR COMMERCIAL USE-KEEP OUT OF REACH OF CHILDREN
CONTAINS NO SARA 313 REPORTABLE CHEMICALS

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Chemical Name	Percent	Exposure Limits	Units
No Hazardous Components		N/A	

SECTION III - HAZARDS IDENTIFICATION

SIGNS AND SYMPTOMS OF EXPOSURE

Acute: Mild eye and skin irritation. Nausea and vomiting if ingested.

Chronic: None listed

Conditions Aggravated: None listed

Carcinogen Info: None listed

Target Organs

or Systems: None listed

Routes of Exposure: Inhalation Skin Eye Ingestion



SECTION IV - FIRST AID MEASURES

Inhalation: Move away from mist to area of fresh air.
Eyes: Flush with water 15 minutes. Contact doctor if irritation persists.
Skin: Flush with water. Seek medical attention if irritation persists.
Ingestion: Drink several glasses of water. DO NOT INDUCE VOMITING. Consult doctor.

SECTION V - FIRE FIGHTING MEASURES

Fire Control
Measures/Equipment: If involved in fire, treat as any other nonhazardous chemical.
Avoid contact with solutions of material.
Flammable Property Info: Not flammable
Explosion Info: None listed
Extinguishing Media: Class A or B extinguishing agent, water
Gases: Generates normal products of combustion.

SECTION VI - ACCIDENTAL MEASURES

Spill & Leak Clean Up
Procedures: SMALL SPILL: soak-up with absorbent material. Keep out of sewers, surface water, etc. Clean up residue to prevent slip hazards.
LARGE SPILL: dike and pump into chemical waste containers for disposal by approved commercial disposer.
Environmental Precautions: Do not allow to enter ground water, streams, etc.

SECTION VII - HANDLING AND STORAGE

Ventilation Required?: Normal
Instructions: No special precautions.
Safe Storage, Handling & Use Instructions: Store in cool, dry, well-ventilated place.
Incompatible Materials: Strong oxidizers and strong acids and bases.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: Yes
Eye Protection: Goggles or safety glasses
Respiratory Protection: None listed
Other Protective
Clothing/Equipment: Impervious apron when handling large amounts.
Wash all contaminated clothing before reuse. -



SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

CHARACTERISTICS OF HAZARDOUS CHEMICAL

Vapor Pressure:	N/A mm Hg@ deg. C	Vapor Density (air = 1)	
pH:	5-7	Flash Point:	N/A deg. F
Water Solubility:	Completely soluble	Auto Ignition:	N/A deg. F
Appearance & Odor:	Slightly hazy, blue, viscous liquid w/pleasant odor.	Oxidizing Properties:	None
Boiling Point:	>212 deg. F	Specific Gravity:	>1
Melting Point:	N/A deg. F	Volatile (water) by Volume:	69%
Flammability limits in air by volume:	N/A Upper Lower	Evaporation Rate:	N/A

SECTION X - STABILITY AND REACTIVITY

Peroxide, Pyrophoric, Unstable or Water Reactive:	No	Possible Hazardous Reactions:	None
Reactivity & Hazardous Polymerization:	None	Materials to Avoid:	Strong Oxidizers and strong acids and bases
Conditions to Avoid:	N/A	Hazardous Decomposition Products:	Normal combustion products

SECTION XI - TOXICOLOGICAL INFORMATION

Eye irritation

SECTION XII - ECOLOGICAL INFORMATION

POSSIBLE EFFECTS AND ENVIRONMENTAL FATE

Degradeability: Partially Biodegradable
Aquatic Toxicity: Low

SECTION XIII - DISPOSAL CONSIDERATIONS

Method of Disposal, Residues & Safe Handling:	See Section VI	Disposal of Contaminated Material:	Dispose according to Local and Federal Regulations.
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DISCLAIMER

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. In the event of any question, please call the telephone number provided.