

### CHEMICAL CHARACTERISTICS:

Inpro-Clean 1300 is a solution of phosphates, sequestrants and surfactants.

pH, as used - 9.5 - 10.2

Bulk Density - 10.1 lb/gal

### METAL SAFETY:

\*Safe on all metals except magnesium.

### OPERATING PARAMETERS:

#### SPRAY WASHER:

Concentration - Up to 5% by volume  
Temperature - 120-160°F  
Time - 1/2 to 3 minutes

#### AGITATED-IMMERSION APPLICATION:

Concentration - Up to 10% by volume  
Temperature - 100 - 160°F  
Time - 1 to 5 minutes

**Note:** Inpro-Clean 1300 is safe on polished aluminum surfaces when used at or under the following operating parameters:

Concentration - 3% by volume max.  
Temperature - 140°F max.  
Time - 2 minutes max.

### PROCESS CONTROL:

Use procedure TK125 from Titration Manual. Sample volume: 2mi. Tx3.4 = % b.v. Automatic feed and control devices can be incorporated to maximize safety, economy and performance.

### SAFETY PRECAUTIONS:

See Material Safety Data Sheet

### DISPOSAL METHODS:

Dispose in accordance with federal, state and local regulations.

### PACKAGING:

Non-returnable 55 gal poly drum, gross wt. 578 lbs., net wt. 555 lbs. Bulk shipments are available.

### SHIPPING:

Common carrier, freight classification J - "Cleaning Compound, NOIBN Liquid" Product Code 4401

### STORAGE:

Not affected by high or low temperatures. Freezing point is 32°F. If freezing occurs, simply thaw and use.

# **Oakite**<sup>®</sup>

OAKITE PRODUCTS, INC., 50 VALLEY ROAD, BERKELEY HEIGHTS, NJ 07922  
OAKITE PRODUCTS OF CANADA, LTD., 115 EAST DRIVE, BRAMALEA, ONT. L6T 1B7  
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4401

## MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 4401  
 OAKITE INPRO-CLEAN 1300  
 60-KB-20

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## SECTION I - PRODUCT IDENTIFICATION

TRADE NAME OAKITE INPRO-CLEAN 1300 EMERGENCY TELEPHONE NUMBER:  
 CHEMICAL NAME NA; Mixture (800) 424-9300 (CHEMTREC)  
 AND SYNONYMS  
 MANUFACTURER'S NAME OAKITE PRODUCTS INC. (908) 464-6900 (8am-5pm)  
 AND TELEPHONE NO. 50 Valley Road Berkeley Heights NJ 07922  
 ADDRESS

## SECTION II - HAZARDOUS INGREDIENTS

	CAS NO.	% BY WT	ACGIH TLV (TWA)	OSHA PEL (TWA)	UNITS
Tetrapotassium pyrophosphate	0007320345	10-20	NE	NE	
Trade Secret Registry (735517)	-5022P	<10	NE	NE	
Ethoxylated secondary alcohol	0068131408	<5	NE	NE	
Trade Secret Registry (735517)	-5033P	<5	NE	NE	
Non-hazardous ingredients		Bal.			

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200).

All component of this material are on the US TSCA Inventory.

CARCINOGENICITY: No substance in this product is listed by IARC, NTP, or regulated by OSHA as a carcinogen.

## SECTION III - PHYSICAL DATA

BOILING POINT (F)	NE	SPECIFIC GRAVITY (H2O=1)	1.202
VAPOR PRESSURE (mm Hg)	NE	Bulk Density	10.0 lb/gal
VAPOR DENSITY (Air=1)	NE	PERCENT VOLATILE	
SOLUBILITY IN WATER	Complete	BY WEIGHT(%) Excludes H2O	0
EVAPORATION RATE (BuAc=1)	<1	PH @ 40 g/l	9.9

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NA - Not Applicable

NE - Not Established



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# MATERIAL SAFETY DATA SHEET

PEARANCE AND ODOR      Amber                                  Concentrate                                  10.4  
                                  liquid;mild  
                                  odor.

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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ASH POINT (Method Used):    None  
 FLAMMABLE LIMITS:    LEL: NA                                  UEL: NA

EXTINGUISHING MEDIA:    Use media suitable for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES:    No special procedures required.

USUAL FIRE AND EXPLOSION HAZARDS:    None known.

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**SECTION V - HEALTH HAZARD INFORMATION**

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ROUTE(S) OF ENTRY:    INHALATION:                                  SKIN:                                  INGESTION:  
                                  X    X    X

SPECIAL CONDITIONS AGGRAVATED BY EXPOSURE:    None known

SYMPTOMS/EFFECTS OF OVEREXPOSURE:

Prolonged or repeated inhalation of vapors can cause nasal and respiratory irritation. Direct contact with eyes causes irritation. Direct contact causes skin irritation.

### FIRST AID

EYES:                                  Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN:                                  Wash affected area with plenty of water for at least 15 minutes.

INGESTION:                                  Contact local poison control center or physician IMMEDIATELY!

INHALATION:                                  Move victim to fresh air.

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**SECTION VI - REACTIVITY DATA**

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STABILITY:    NORMALLY STABLE

COMPATIBLE MATERIALS:    Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS:    Phosphorous oxides.

- Not Applicable

NE - Not Established

## MATERIAL SAFETY DATA SHEET

### SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES: Wear personal protective equipment (See Section VIII).  
Clean up with absorbant material. Flush area with plenty of water.

WASTE DISPOSAL METHOD: Dispose of in accordance with Local State and Federal regulations.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY: If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved dust/mist respirator.

EYEWEAR: Wear chemical safety goggles.

SKIN PROTECTIVE CLOTHING/GLOVES: Wear neoprene or other chemical-resistant gloves and protective clothing.

VENTILATION: Local exhaust may be necessary for some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

### SECTION IX - SPECIAL PRECAUTIONS

Store in closed container.

APPROVAL: *Michael Chang* Mgr. Health & Environmental Dept. 11/04/1992

NAME	TITLE	DATE
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Not Applicable.