

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 4581
 OAKITE LOW HEAT CLEANER 1
 117-BA-3

HMIS 3 0 1 J

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SECTION I - PRODUCT IDENTIFICATION

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TRADE NAME	OAKITE LOW HEAT CLEANER 1	EMERGENCY TELEPHONE NUMBER:
CHEMICAL NAME AND SYNONYMS	NA-Mixture	(800) 424-9300 (CHEMTREC)
MANUFACTURER'S NAME AND TELEPHONE NO. ADDRESS	OAKITE PRODUCTS INC. (908) 464-6900 (8am-5pm) 50 Valley Road Berkeley Heights NJ 07922	

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SECTION II - HAZARDOUS INGREDIENTS

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	CAS NO.	% BY WT	ACGIH TLV (TWA)	OSHA PEL (TWA)	UNITS
Sodium carbonate	0000497198	20-30	NE	NE	
Sodium hydroxide - (ceiling)	0001310732	20-30	2	2	mg/m ³
Tetrasodium pyrophosphate	0007722885	10-20	5	NE	mg/m ³
Dipentene	0000138863	<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.

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SECTION III - PHYSICAL DATA

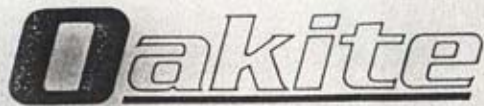
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BOILING POINT (F)	NA	SPECIFIC GRAVITY (H2O=1)	
VAPOR PRESSURE (mm Hg)	<0.1	Bulk Density	7.8 lb/gal
VAPOR DENSITY (Air=1)	>1	PERCENT VOLATILE	
SOLUBILITY IN WATER	Appreciable	BY WEIGHT(%) Excludes H2O	0
EVAPORATION RATE	NA	PH 40 g/l	13.2

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NA - Not Applicable

NE - Not Established



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APPEARANCE AND ODOR Moist tan Concentrate NA
 powder; mild
 pine odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NONE
 FLAMMABLE LIMITS: LEL: NA UEL: NA
 EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water.
 SPECIAL FIRE FIGHTING PROCEDURES: Wear Self-Contained Breathing Apparatus (SCBA).
 UNUSUAL FIRE AND EXPLOSION HAZARDS: See Section VII. (WHMIS)
 See Section VI. (U.S.)

SECTION V - HEALTH HAZARD INFORMATION

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

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
 SYMPTOMS/EFFECTS OF OVEREXPOSURE:
 Severe irritation of the nose, mouth, and respiratory tract; coughing, difficulty breathing; chemical pneumonitis. Severe skin irritation and burns. Eye contact causes severe or permanent damage.

FIRST AID

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Get prompt medical attention.

SKIN: Immediately remove contaminated clothing. Wash skin with large amounts of water for at least 15 minutes. Get prompt medical attention. Wash clothing before reuse.

INGESTION: Contact local poison control center or physician IMMEDIATELY!

INHALATION: Move victim to fresh air and restore breathing if necessary. Stay with victim until emergency medical help arrives.

SECTION VI - REACTIVITY DATA

NA - Not Applicable

NE - Not Established

STABILITY: NORMALLY STABLE
INCOMPATIBLE MATERIALS: Acids. Contact with certain metals may yield explosive hydrogen gas.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen, Phosphorous oxides, Carbon monoxide, Carbon dioxide.

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES: Wear personal protective equipment (See Section VIII). Carefully clean up spilled material and place in dry containers for disposal. Avoid dust generation.

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.

EYE/EAR: Wear chemical safety goggles.

CLOTHING/GLOVES: If potential for skin contact exists, wear neoprene or other chemical resistant gloves and apron or coveralls and/or foot coverings, as needed.

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

CORROSIVE. Store in closed container in dry, well-ventilated area. NOTE: IF DILUTING (OR DISSOLVING) ALWAYS ADD THIS PRODUCT TO WATER SLOWLY AND WITH CONSTANT STIRRING.

APPROVAL

Michael Chang
NAME

Mgr. Health & Environmental Dept.

TITLE

12/01/1992

DATE

NA - Not Applicable

NE - Not Established