

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: OAKITE 77 162-M-301

HMIS 3 0 1 J

SECTION I

TRADE NAME CHEMICAL NAME AND SYNONYMS MANUFACTURER'S NAME AND TELEPHONE NO. ADDRESS

OAKITE 77

EMERGENCY TELEPHONE NUMBER: (800) 424-9300 (CHEMTREC)

NA-Mixture

OAKITE PRODUCTS INC. (908) 464-6900 (8am-5pm) 50 Valley Road Berkeley Heights NJ

SECTION II HAZARDOUS INGREDIENTS _____

	CAS NO.	& BY WT	TLV	PEL	UNITS
Sodium hydroxide -(ceiling) Sodium dodecylbenzenesulfonate Sodium metasilicate Sodium carbonate Dipentene	0001310732 0025155300 0006834920 0000497198 0000138863	40-50 <10 <10 <10 <5	2 NE NE NE NE	2 NE NE NE NE	mg/m ³
Calcium silicate -(as nuisance particulate, total) Non-hazardous ingredients	0001344952	<5 Bal.	10	15	mg/m ³

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.

SECTION III PHYSICAL DATA

BOILING POINT (F) VAPOR PRESSURE (mm Hg) NA VAPOR DENSITY (Air=1) NA SOLUBILITY IN WATER EVAPORATION RATE

Appreciable

SPECIFIC GRAVITY (H20=1) Bulk Density

PERCENT VOLATILE

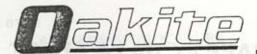
6.8 lb/gal NA

BY VOLUME(%) Excludes H2O PH 4% solution 13.1

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NA - Not Applicable

NE - Not Established



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APPEARANCE AND ODOR

Brown powder with small beads; slight pine odor.

Concentrate

NA

FIRE AND EXPLOSION HAZARD DATA SECTION IV _______

FLASH POINT (Method Used): NONE

FLAMMABLE LIMITS: LEL: NA

UEL: NA

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear Self-Contained Breathing Apparatus

(SCBA) .

UNUSUAL FIRE AND EXPLOSION HAZARDS: See Section VII. (WHMIS)

See Section VI. (U.S.)

- HEALTH HAZARD INFORMATION SECTION V

ROUTE(S) OF ENTRY:

TNHALATION:

SKIN:

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 burns. Chronic exposure may produce skin allergies in hypersensitive individuals. Eye contact causes severe or permanent damage.

FIRST AID

EYES:

Immediately flush eyes with plenty 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:

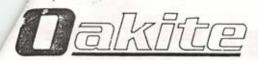
Move victim to fresh air and restore breathing if necessary. Stay

with victim until emergency medical help arrives.

SECTION VI - REACTIVITY DATA

NA - Not Applicable

NE - Not Established



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STABILITY: NORMALLY STABLE

INCOMPATIBLE MATERIALS: Acids, Hot water. Contact with certain metals may

yield explosive hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, Sulfur

dioxide, Hydrogen.

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.

EYEWEAR: 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. This product does not contain any carcinogens (at 0.1% or creater) as defined by IARC, NTP, or OSHA.

APPROVAL Wicheel Chang

Mgr. Health & Environmental Dept. 03/12/1992

TITLE

DATE

A - Not Applicable

NE - Not Established