



0320

MATERIAL SAFETY DATA SHEET

PRODUCT CODE:

0320

OAKITE 32 211-A-79

HMIS 300J

SECTION I

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

OAKITE 32

EMERGENCY TELEPHONE NUMBER:

(800) 424-9300 (CHEMTREC)

NA-Mixture

OAKITE PRODUCTS INC. (908) 464-6900 (8am-5pm)

50 Valley Road Berkeley Heights NJ 07922

SECTION II - HAZARDOUS INGREDIENTS

CAS NO. % BY WT TLV PEL UNITS

Hydrogen chloride(+) - (ceiling)
Non-hazardous ingredients

0007647010

25-35 5

Bal.

5

ppm

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.

(+) This product contains ingredient(s) identified in Section II with (+) which are subject to the reporting requirements of section 313 of SARA Title III and 40 CFR 372.

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY (H20=1) 1.160 BOILING POINT (F) 182 VAPOR PRESSURE (mm Hg) 25 Bulk Density 9.7 lb/gal PERCENT VOLATILE VAPOR DENSITY (Air=1) 1.27 SOLUBILITY IN WATER BY VOLUME(%) Excludes H2O Complete 0 EVAPORATION RATE (Water=1) <1

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Wear Self-Contained Breathing Apparatus

APPEARANCE AND ODOR

Light to dark brown liquid;

Concentrate

pungent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NONE

SPECIAL FIRE FIGHTING PROCEDURES:

FLAMMABLE LIMITS: LEL: NA

UEL: NA

EXTINGUISHING MEDIA: Use media suitable for surrounding materials.

(SCBA).

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

See Section VI.(U.S.)

- HEALTH HAZARD INFORMATION SECTION V

ROUTE(S) OF ENTRY:

INHALATION:

SKIN:

INGESTION:

Х

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

SYMPTOMS/EFFECTS OF OVEREXPOSURE:

Severe irritation of the nose, mouth, and respiratory tract with coughing and

a choking sensation. Severe skin burns. Eye contact causes severe or

permanent damage. Chronic overexposure to mists or vapors may cause dental

erosion.

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.

- REACTIVITY DATA SECTION VI



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NORMALLY STABLE STABILITY:

Avoid extreme heat.

Oxidizers, Strong alkalies. Contact with certain INCOMPATIBLE MATERIALS:

metals may yield explosive hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, Chlorine, Hydrogen.

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES: Wear personal protective equipment (See Section VIII).

Ventilate area. Dilute with large amounts of water and neutralize

with soda ash or lime.

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

regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

If TLV is exceeded, or for symptoms of overexposure, wear a RESPIRATORY:

. NIOSH-approved acid gas respirator.

If splash potential exists wear chemical splash goggles or TYEWEAR:

faceshield.

If potential for skin contact exists, wear neoprene or other CLOTHING/GLOVES:

chemical resistant gloves and apron or coveralls and/or foot

coverings, as needed.

Local exhaust may be necessary for some handling/use **VENTILATION:**

conditions. Specific needs should be addressed by

supervisory or health/safety personnel.

SECTION IX - SPECIAL PRECAUTIONS

CORROSIVE. Store in closed container in cool 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

greater) as defined by IARC, NTP, or OSHA.

APPROVAL Miled thang Mgr. Health & Environmental Dept. 03/10/1992

TITLE

DATE