

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 10963
 GARDO TP 10606
 200-509-001

HMIS 3 0 0 J

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SECTION I - PRODUCT IDENTIFICATION

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| | | |
|--|---|------------------------------------|
| TRADE NAME | GARDO TP 10606 | EMERGENCY TELEPHONE NUMBER: |
| CHEMICAL NAME AND SYNONYMS | NA; Mixture | (800) 424-9300 (CHEMTREC) |
| MANUFACTURER'S NAME AND TELEPHONE NO. | OAKITE PRODUCTS INC. (908) 464-6900 (8am-5pm) | |
| ADDRESS | A Member of The CHEMETALL Group 50 Valley Road Berkeley Heights NJ 07922 | |
| DATE OF PREPARATION | 02-11-2005 | |

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SECTION II - HAZARDOUS INGREDIENTS

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| | CAS NO. | % BY WT | ACGIH TLV (TWA) | OSHA PEL (TWA) | UNITS |
|---|------------|---------|--------------------|-------------------|-------------------|
| Chromium phosphate (as Cr III Compounds) (+) | 0007789040 | 1-10 | 0.5 | 0.5 | mg/m ³ |
| Chromium Trifluoride (Fluorides, as F) (+) | 0007788978 | 1-5 | 2.5 | 2.5 | mg/m ³ |
| Hydrofluoric acid (Fluorides, as F) | 0007664393 | 1-5 | 2.5 | 2.5 | mg/m ³ |
| Non-hazardous ingredints | | Bal. | | | |

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

All components 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.

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

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NA - Not Applicable

NE - Not Established

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SECTION III - PHYSICAL DATA

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| | | | |
|------------------------|------------------------------|---------------------------|--------------|
| BOILING POINT (F) | NE | SPECIFIC GRAVITY (H2O=1) | 1.111 |
| VAPOR PRESSURE (mm Hg) | NE | Bulk Density | 9.25 lbs/gal |
| VAPOR DENSITY (Air=1) | NE | PERCENT VOLATILE | |
| SOLUBILITY IN WATER | Complete | BY WEIGHT(%) Excludes H2O | 0 |
| EVAPORATION RATE | NE | PH | |
| APPEARANCE AND ODOR | Green liquid; acrid odor. | PH (concentrate) | <2.5 |

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Wear Self-Contained Breathing Apparatus (SCBA).

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

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SECTION V - HEALTH HAZARD INFORMATION

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

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

SYMPTOMS/EFFECTS OF OVEREXPOSURE:

Inhalation of mist will cause severe irritation of the nose, mouth, and respiratory tract. Severe skin burns. BURNING SENSATION MAY BE DELAYED.
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 flush skin with plenty of water for at least 15 minutes. Immediately remove contaminated clothing. Get prompt medical attention.

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INGESTION: Contact local poison control center or physician IMMEDIATELY!

INHALATION: Move victim to fresh air. Stay with victim until emergency medical help arrives.

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SECTION VI - REACTIVITY DATA

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STABILITY: NORMALLY STABLE

INCOMPATIBLE MATERIALS: Alkalies. Chlorine-releasing materials. Contact with certain metals may yield explosive hydrogen gas. Avoid prolonged contact of concentrate with glass or ceramic.

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorous oxides, Acidic fluoride fumes, Chromium oxides.

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SECTION VII - SPILL OR LEAK PROCEDURES

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PROCEDURES: Wear personal protective equipment (See Section VIII). Clean up with inert absorbant material. Contain spill, add soda ash or lime, and place in poly-lined drums for disposal.

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

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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RESPIRATORY: If TLV is exceeded, or For symptoms of overexposure, wear a NIOSH-approved respirator for acid vapor.

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.

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SECTION IX - SPECIAL PRECAUTIONS

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CORROSIVE. Store in closed container in cool well-ventilated area. KEEP FROM FREEZING.

APPROVAL

NAME



Mgr. Health & Environmental Dept.

TITLE

02/11/2005

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