

SECTION 1. PRODUCT AND COMPANY INFORMATION

MANUFACTURER: PACE Technologies
3601 E. 34th St.
Tucson, AZ 85713

INFORMATION PHONE: 520-882-6598

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
International call collect CHEMTREC 202-483-7616

TRADE NAME: ULTRACLEAN Cleaner

CHEMICAL FAMILY: Sodium Metasilicate

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview. DANGER. Corrosive. May cause irritation of skin and respiratory tract.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>CHEMICAL NAME</u> | <u>CAS NO.</u> | <u>%</u> | <u>OSHA PEL/ ACGIH TLV</u> | <u>SARA 302/304 (1)*</u> | <u>SARA 363 (2)*</u> | <u>State Info (3)(4)</u> | <u>CERCLA RQ</u> |
|--------------------------|----------------|----------|--------------------------------|------------------------------|--------------------------|------------------------------|----------------------|
| Sodium Metasilicate | 6834-92-0 | <9 | 15 mg/m3 10 mg/m3 | No | No | No | - |

*See Section 15 for more information

PRIMARY ROUTE OF ENTRY: Eye contact, skin contact

INHALATION: High concentrations of mist may cause irritation of the respiratory tract.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

EYE: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

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| INGESTION: | May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness. |
| CHRONIC / LONG TERM EFFECTS: | None known. |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE: | Dermal exposure may cause local redness and swelling, pain and discomfort. |
| TARGET ORGAN EFFECTS: | No data. |
| REPRODUCTIVE / DEVELOPMENTAL INFORMATION: | No data. |
| CARCINOGENIC INFORMATION: | This material is not listed as a carcinogen by IARC, NTP or OSHA. |

SECTION 4. FIRST AID MEASURES

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| INHALATION: | Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. |
| SKIN CONTACT: | Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15-minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention. |
| EYE CONTACT: | Immediately flush eyes with plenty of water for 15 minutes. Get medical attention immediately. |
| INGESTION: | Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.. |

SECTION 5. FIRE-FIGHTING MEASURES

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| FLASH POINT: | No flash by standard methods. |
| EXTINGUISHING MEDIA: | Use appropriate methods for combating surrounding fire. |

**SPECIFIC FIRE FIGHTING
INSTRUCTIONS:**

Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand, earth). Prevent runoff from entering drains, sewers or other bodies of water. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to container for disposal.

SECTION 7. HANDLING AND STORAGE

Follow all MSDS/label precautions even after container is emptied because they may contain product residues. Use with adequate ventilation. Do not get in eyes, on skin or clothing. Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING MEASURES: Good general ventilation required.

EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene), clothing and boots.

RESPIRATORY PROTECTION: When respiratory protection is required, use a particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, amber liquid; odorless

BOILING POINT: 100. C (212 deg F)

VAPOR PRESSURE: NE

VAPOR DENSITY: NE

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.14

EVAPORATION RATE (Butyl Acetate=1): NE

pH (10% solution) 11.0

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: High temperature.

INCOMPATIBILITY: Strong acids, alkalis, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data.

SECTION 12. ECOLOGICAL INFORMATION

No data.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Wastes must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14. TRANSPORTATION INFORMATION

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| DOT | UN/NA-No. Class Packing Group Proper shipping name | 3266 8 II Corrosive Liquid, Basic, Inorganic, N.O.S. (sodium metasilicate) |
| IMDG | UN/NA-No. Class Packing Group Proper shipping name | 3266 8 II Corrosive Liquid, Basic, Inorganic, N.O.S. (sodium metasilicate) |
| IATA Cargo | UN/NA-No. Class Packing Group Proper shipping name | 3266 8 II Corrosive Liquid, Basic, Inorganic, N.O.S. (sodium metasilicate) |

SECTION 15. REGULATORY INFORMATION**U.S. Federal Regulations:**

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

TITLE III SECTION 311/312 HAZARDOUS CATEGORIES – 40 CFR 370.2:

Acute Health Hazard
Chronic Health Hazard

(1) TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A)

(2) TITLE III SECTION 313 TOXIC CHEMICALS (40 CFR 372.65)

If indicated under Section 3 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This

information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If the product becomes a hazardous waste it would be assigned RCRA Code (s)

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 3 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for additional regulations.

(3) California Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986).

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

SECTION 16. OTHER INFORMATION

PACE Technologies, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. PACE TECHNOLOGIES, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, PACE TECHNOLOGIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

DATE PREPARED: 8/22/2009
