

**MATERIAL SAFETY DATA SHEET**

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-535-5053

**PRODUCT : SCALE & FILM REMOVER > 4-1 GAL \***

0519AD

Sanolite Corporation

26 Papetti Plaza Elizabeth NJ 07207-0818 (800) 221-0806

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**1.0 IDENTIFICATION**

- 1.1 PRODUCT NAME: SCALE & FILM REMOVER > 4-1 GAL \*  
1.2 PRODUCT TYPE: ACID CLEANER  
1.3 HAZARD RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 1
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**2.0 HAZARDOUS COMPONENTS**

- 2.1 : PHOSPHORIC ACID C.A.S. NO. 7664-38-2

**This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.**

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**3.0 PHYSICAL DATA**

- 3.1 APPEARANCE AND ODOR: PALE YELLOW LIQUID. ACETIC ODOR.  
3.2 SOLUBILITY IN WATER: COMPLETE  
3.3 PH:: APPROX.1
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**4.0 FIRE & EXPLOSION DATA**

- 4.1 FIREFIGHTING METHODS: WEAR PROTECTIVE CLOTHING AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.  
4.5 EXTINGUISHING MEDIA: THIS PRODUCT IS NOT COMBUSTIBLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING MATERIALS.
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**5.0 REACTIVITY DATA**

- 5.1 STABILITY: STABLE UNDER NORMAL CONDITIONS OF HANDLING.  
5.3 INCOMPATIBILITY: REACTIVE METALS,ALKALINE MATERIALS.
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**6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT**

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**6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT**

- 6.1 CLEANUP: VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. FOR LARGE SPILLS DIKE SPILLED MATERIAL OR OTHERWISE CONTAIN MATERIAL TO ENSURE RUNOFF DOES NOT REACH A WATERWAY. PLACE SPILLED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL. ABSORB REMAINING MATERIAL OR SMALL SPILLS WITH INERT MATERIAL AND THEN PLACE IN A CHEMICAL WASTE CONTAINER. DISPOSE OF CONTAINER IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- 6.2 WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
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**7.0 HEALTH HAZARD DATA**

- 7.1 OVEREXPOSURE: CORROSIVE. MAY CAUSE BURNS TO EYES AND SKIN. INGESTION MAY CAUSE BURNS TO MOUTH, THROAT, ESOPHAGUS, AND STOMACH. INHALATION OF MIST MAY RESULT IN MILD IRRITATION OF NASAL MUCOUS MEMBRANES TO SEVERE IRRITATION TO THE RESPIRATORY TRACT.
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**8.0 FIRST AID**

- 8.1 EYES: IMMEDIATELY FLUSH WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
- 8.2 SKIN: WASH CONTAMINATED AREAS WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOT-WEAR AND WASH CLOTHING BEFORE REUSE. SEEK MEDICAL ATTENTION IMMEDIATELY.
- 8.3 IF SWALLOWED: RINSE MOUTH WITH WATER. GIVE COPIOUS WATER TO CAUSE DILUTION IN STOMACH. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
- 8.4 IF INHALED: IMMEDIATELY MOVE TO FRESH AIR.  
**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY**
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UNK = Unknown at this time      PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value      STEL = Short Term Exposure Limit  
C = Ceiling Limit, Not To Be Exceeded

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## 9.0 SPECIAL PROTECTION INFORMATION

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| 9.1 | RESPIRATORY::                | AVOID BREATHING VAPOR OR MIST. WHEN RESPIRATORS ARE REQUIRED, SELECT NIOSH/MSHA APPROVED EQUIPMENT BASED ON ACTUAL OR POTENTIAL AIRBORNE CONCENTRATIONS AND IN ACCORDANCE WITH THE APPROPRIATE REGULATORY STANDARDS AND/OR INDUSTRIAL RECOMENDATIONS. |
| 9.2 | SKIN::                       | RUBBER GLOVES - PROTECTIVE CUFF OR GAUNTLET TYPE PREFERRED.   |
| 9.3 | EYE PROTECTION::             | SPLASHPROOF GLASSES, GOGGLES OR FACE SHIELD.  |
| 9.4 | OTHER PROTECTION EQUIPMENT:: | USE CHEMICAL-RESISTANT APRON AND PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. AN EMERGENCY EYE WASH MUST BE READILY ACCESIBLE TO THE WORK AREA.   |
| 9.5 | VENTILATION::                | LOCAL EXHAUST   |

## 10.0

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| 10.0 |  | DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOR OR MIST. KEEP CONTAINER CLOSED IN A COOL, WELL VENTILATED AREA. STORE AWAY FROM ALKALINE MATERIALS AND REACTIVE METALS. WASH THOROUGHLY AFTER HANDLING. |
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| 10.1 | D.O.T. CLASS:      | COMPOUND,CLEANING LIQUID(CONTAINS PHOSPHORIC ACID) 8, NA1760, III |
| 10.3 | OTHER PRECAUTIONS: | FOR INDUSTRIAL USE ONLY   |
| 10.4 | DATE APPROVED:     | 04/06/2005  |

**KEEP OUT OF REACH OF CHILDREN**

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

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TLV = Threshold Limit Value	STEL = Short Term Exposure Limit
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