

MATERIAL SAFETY DATA SHEET

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

PRODUCT : RUST DESTROYER > 50# DR

1143AQ

Sanolite Corporation

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

1.0 IDENTIFICATION

- 1.1 PRODUCT NAME: RUST DESTROYER > 50# DR
1.2 PRODUCT TYPE: LAUNDRY SOUR.
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2.0 HAZARDOUS COMPONENTS

- 2.1 : OXALIC ACID C.A.S. NO. 144-62-7

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

3.0 PHYSICAL DATA

- 3.1 APPEARANCE AND ODOR: COLORLESS CRYSTALS; ODORLESS
3.2 SOLUBILITY IN WATER: APPROX. 11.7% @20 DEGR.C
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4.0 FIRE & EXPLOSION DATA

- 4.1 FIREFIGHTING METHODS: WEAR SELF-CONTAINED BREATHING APPARATUS. FORMIC ACID AND CARBON MONOXIDE AND OTHER TOXIC GASES MAY BE PRESENT.
- 4.2 FIRE AND EXPLOSION HAZARDS: BECOMES A COMBUSTIBLE SOLID BELOW 120 DEGR.C. PARTIAL DECOMPOSITION OCCURS AT 150 DEGR.C. DECOMPOSITION PRODUCTS INCLUDE CARBON MONOXIDE AND FORMIC ACID, WHICH ARE BOTH TOXIC AND FLAMMABLE. CAN REACT VIOLENTLY WITH STRONG OXIDIZERS.
- 4.5 EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, "ALCOHOL" TYPE FOAM, OR CO2.
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5.0 REACTIVITY DATA

- 5.1 STABILITY: STABLE
- 5.2 CONDITIONS TO AVOID: AVOID TEMPERATURES OF 100 DEGR.C AND ABOVE, BECAUSE MATERIAL BEGINS TO SUBLIME WITH DECOMPOSITION, YIELDING TOXIC, FLAMMABLE, AND CORROSIVE GASES. THE EVOLUTION BECOMES SIGNIFICANT AT 150 DEGR.C.
- 5.3 INCOMPATIBILITY: REACTS WITH ALKALIES AND WITH SILVER COMPOUNDS. CAN REACT VIOLENTLY WITH STRONG OXIDIZING MATERIALS. REACTS WITH WATER-REACTIVE MATERIALS SUCH AS OLEUM, POSSIBLY WITH VIOLENCE.

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5.0 REACTIVITY DATA

- 5.4 HAZ.DECOMP.PROD: THERMAL DECOMPOSITION YIELDS AT LEAST FORMIC ACID, CARBON MONOXIDE. COMBUSTION PROBABLY YIELDS THESE AND ALSO CARBON DIOXIDE.
- 5.5 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
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6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT

- 6.1 CLEANUP: SWEEP UP IMMEDIATELY WITH MINIMUM DUSTING AND KEEPING FROM HEAT OR FLAME. COLLECT IN CONTAINERS, e.g. FIBERBOARD, CLOSE, LABEL "POISON" AND STORE. ALKALI SOLUTION MAY BE USED, WITH USUAL PRECAUTIONS, TO NEUTRALIZE ANY RESIDUE. RESULTING NEUTRALIZED SOLUTION IS ALSO TOXIC AND SHOULD BE HANDLED ACCORDINGLY. ATTEMPT TO KEEP SOLUTIONS OUT OF SEWER.
- 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 A EYES: CAN CAUSE SEVERE IRRITATION, CORNEAL BURNS, AND CONJUNCTIVITIS.
- 7.1 B SKIN: CAN CAUSE IRRITATION OR CORROSIVE BURNS. DILUTE SOLUTIONS CAN BE IRRITATING ON PROLONGED EXPOSURE.
- 7.1 C IF SWALLOWED: CAN BE FATAL IF SWALLOWED. OXALIC ACID IS SYSTEMIC POISON AFFECTING THE CENTRAL NERVOUS SYSTEM AND KIDNEY FUNCTION AS WELL AS OTHER ORGANS. CAN CAUSE HYPOCALCEMIA.
- 7.1 D IF INHALED: INHALATION OF DUST OR MISTS CAN CAUSE IRRITATION OR BURNS TO THE UPPER RESPIRATORY SYSTEM, INCLUDING NOSE, MOUTH, AND THROAT. CAN ALSO IRRITATE LUNGS.
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8.0 FIRST AID

- 8.1 EYES: IN CASE OF CONTACT RINSE THOROUGHLY WITH WATER FOR 15 MINUTES.
- 8.2 SKIN: IN CASE OF CONTACT RINSE THOROUGHLY WITH WATER FOR 15 MINUTES.
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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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8.0 FIRST AID

- 8.3 IF SWALLOWED: DO NOT INDUCE VOMITING. IF CONSCIOUS GIVE IMMEDIATELY BY MOUTH A DILUTE SOLUTION OF CALCIUM LACTATE, USP, OR CALCIUM GLUCONATE, USP, OR MILK.
- 8.4 IF INHALED: MOVE TO FRESH AIR, GIVE OXYGEN IF BREATHING IS DIFFICULT.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY**9.0 SPECIAL PROTECTION INFORMATION**

- 9.1 RESPIRATORY:: FOR DUST OR MIST CONC. ABOVE THE TLV USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE.
- 9.2 SKIN:: RUBBER GLOVES
- 9.3 EYE PROTECTION:: FACE SHIELD, GOGGLES
- 9.4 OTHER PROTECTION EQUIPMENT:: PROTECTIVE CLOTHING, NEUTRALIZATION SUPPLIES AND EQUIPMENT. EYEWASH AND QUICK-DRENCH SHOWER FACILITIES.
- 9.5 VENTILATION:: LOCAL EXHAUST

10.0

- 10.0 STORE IN A COOL, DRY PLACE OF LOW FIRE RISK, AWAY FROM FOOD, FOOD CHEMICALS, OR STRONG OXIDIZERS. KEEP CONTAINER CLOSED, AND PROTECT FROM PHYSICAL DAMAGE.
- 10.1 D.O.T. CLASS: CORROSIVE SOLIDS, N.O.S. (OXALIC ACID, DIHYDRATE), 8, UN1759, III
- 10.3 OTHER PRECAUTIONS: THIS PRODUCT IS NOT FOR FOOD OR DRUG USE.

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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