

**MATERIAL SAFETY DATA SHEET**

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

**PRODUCT : S-99 POWDER 50# DR**

1173SQ

Sanolite Corporation

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

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**1.0 IDENTIFICATION**

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|-----|---------------|--------------------|
| 1.1 | PRODUCT NAME: | S-99 POWDER 50# DR |
| 1.2 | PRODUCT TYPE: | ALKALINE CLEANER   |
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**2.0 HAZARDOUS COMPONENTS**

- |     |   |  |
|-----|---|--|
| 2.1 | : | SODIUM HYDROXIDE C.A.S. NO. 1310-73-2    |
| 2.1 | : | SODIUM METASILICATE C.A.S. NO. 6834-92-0 |

**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**

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|-----|----------------------|----------------------------|
| 3.1 | APPEARANCE AND ODOR: | WHITE, FREE FLOWING POWDER |
| 3.2 | SOLUBILITY IN WATER: | COMPLETE                   |
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**4.0 FIRE & EXPLOSION DATA**

- |     |                             |   |
|-----|-----------------------------|---|
| 4.1 | FIREFIGHTING METHODS:       | WEAR PROTECTIVE CLOTHING AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.                   |
| 4.2 | FIRE AND EXPLOSION HAZARDS: | CONTACT WITH METALS MAY PRODUCE FLAMMABLE HYDROGEN GAS.   |
| 4.5 | EXTINGUISHING MEDIA:        | USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM. DO NOT USE A DIRECT WATER STREAM. |
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**5.0 REACTIVITY DATA**

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|-----|---------------------------|---|
| 5.1 | STABILITY:                | STABLE UNDER NORMAL CONDITIONS OF HANDLING.                         |
| 5.2 | CONDITIONS TO AVOID:      | AVOID WARM OR MOIST AIR.  |
| 5.3 | INCOMPATIBILITY:          | LEATHER, WOOL, ACIDS, TIN, ALUMINUM, ZINC, ALLOYS OF THIS MATERIAL. |
| 5.4 | HAZ. DECOMP. PROD:        | CARBON MONOXIDE/CARBON DIOXIDE                                      |
| 5.5 | HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR  |
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**6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT**

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|-----|-----------------|--|
| 6.1 | CLEANUP:        | SHOVEL UP AND PLACE IN A CONTAINER FOR PROPER DISPOSAL. FLUSH AREA WITH PLENTY OF WATER. |
| 6.2 | WASTE DISPOSAL: | DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.                      |
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**7.0 HEALTH HAZARD DATA**

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|-------|---------------|--|
| 7.1   | OVEREXPOSURE: | MAY CAUSE SEVERE IRRITATION TO EYES, TO SKIN AND MUCOUS MEMBRANES. |
| 7.1 A | EYES:         | MAY IRRITATE OR BURN EYES ON CONTACT.                              |
| 7.1 B | SKIN:         | MAY CAUSE BURNS  |
| 7.1 C | IF SWALLOWED: | INJURIOUS IF TAKEN INTERNALLY.                                     |
| 7.1 D | IF INHALED:   | DUST INHALATION MAY IRRITATE NOSE, THROAT AND LUNGS                |

**8.0 FIRST AID**

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|-----|---------------|---|
| 8.1 | EYES:         | FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.             |
| 8.2 | SKIN:         | RINSE EXPOSED AREA WITH WATER CONTINUOUSLY FOR 15 MINUTES. IF BURNING PERSISTS GET MEDICAL ATTENTION. |
| 8.3 | IF SWALLOWED: | DRINK A LARGE QUANTITY OF WATER OR MILK. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.   |
| 8.4 | IF INHALED:   | REMOVE FROM EXPOSURE. IF BREATHING IS DIFFICULT OR DISCOMFORT PERSISTS, OBTAIN MEDICAL ATTENTION.     |

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

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|-----|------------------------------|---|
| 9.1 | RESPIRATORY::                | USE NIOSH/MSHA APPROVED DUST RESPIRATOR.                    |
| 9.2 | SKIN::                       | RUBBER GLOVES - PROTECTIVE CUFF OR GAUNTLET TYPE PREFERRED. |
| 9.3 | EYE PROTECTION::             | FACE SHIELD, GOGGLES  |
| 9.4 | OTHER PROTECTION EQUIPMENT:: | PROTECTIVE CLOTHING   |
| 9.5 | VENTILATION::                | LOCAL EXHAUST   |

**10.0**

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|------|---------------|--|
| 10.0 |               | DO NOT GET IN EYES, ON SKIN, ON CLOTHING. DO NOT TAKE INTERNALLY. AVOID BREATHING DUST OR MIST. KEEP CONTAINER CLOSED. STORE IN A COOL, DRY AREA AWAY FROM ACIDS. USE DRY SCOOP. WASH THOROUGHLY AFTER HANDLING. |
| 10.1 | D.O.T. CLASS: | CORROSIVE SOLIDS, N.O.S. (CONTAINS SODIUM HYDROXIDE), 8, UN1759, II  |

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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10.3 OTHER PRECAUTIONS:

FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

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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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