

**MATERIAL SAFETY DATA SHEET**

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

**PRODUCT : FLASH 4-1 GAL**

0516AD

Sanolite Corporation

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

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**1.0 IDENTIFICATION**

1.1	PRODUCT NAME:	FLASH 4-1 GAL
1.2	PRODUCT TYPE:	ALKALINE CLEANER
1.3	HAZARD RATING:	HEALTH: 1 FIRE: 0 REACTIVITY: 0

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**2.0 HAZARDOUS COMPONENTS**

2.1	:	BUTOXYETHANOL C.A.S. NO. 111-76-2
2.1	:	2-PROPANOL C.A.S. NO. 67-63-0

**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**

3.1	APPEARANCE AND ODOR:	CLEAR,BLUE LIQUID W/MILD ODOR
3.2	SOLUBILITY IN WATER:	COMPLETE
3.3	PH::	12.3-12.5
3.4	BOILING POINT::	>212 DEGR.F
3.4 A	SPECIFIC GRAVITY:	N/A
3.5	VAPR DENSITY:	N/A
3.5 A	EVAPORATION RATE:	N/A

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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:	NONE
4.3	FLASH POINT:	NONE
4.4	FLAMMABLE LIMITS:	NOT FLAMMABLE
4.5	EXTINGUISHING MEDIA:	WATER, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

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**5.0 REACTIVITY DATA**

5.1	STABILITY:	STABLE UNDER NORMAL CONDITIONS OF HANDLING.
5.3	INCOMPATIBILITY:	MINERAL ACIDS
5.4	HAZ.DECOMP.PROD:	NONE
5.5	HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

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

6.1	CLEANUP:	ABSORB WITH AN ABSORBENT MATERIAL AND PUT IN A CONTAINER FOR PROPER DISPOSAL.
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**6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT**

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: MAY BE HARMFUL IF SWALLOWED OR IRRITATING ON CONTACT WITH EYES, SKIN AND MUCOUS MEMBRANES.

7.1 A EYES: IRRITATION

7.1 B SKIN: SLIGHT IRRITATION

7.1 C IF SWALLOWED: CAUSES GASTRIC DISTURBANCE

7.1 D IF INHALED: MAY CAUSE IRRITATION OF MUCOUS MEMBRANES.

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**8.0 FIRST AID**

8.1 EYES: FLUSH WITH COPIOUS WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS OBTAIN MEDICAL ATTENTION.

8.2 SKIN: IN CASE OF CONTACT RINSE THOROUGHLY WITH WATER FOR 15 MINUTES.

8.3 IF SWALLOWED: IF SWALLOWED 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**

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**9.0 SPECIAL PROTECTION INFORMATION**

9.1 RESPIRATORY:: USE NIOSH/MSHA APPROVED RESPIRATOR WHERE DUST OR MIST MAY BE GENERATED.

9.2 SKIN:: RUBBER GLOVES

9.3 EYE PROTECTION:: GOGGLES

9.4 OTHER PROTECTION EQUIPMENT:: APRON

9.5 VENTILATION:: LOCAL EXHAUST

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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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DO NOT GET IN EYES,ON SKIN,ON CLOTHING. DO NOT TAKE INTERNALLY. STORE IN A COOL, DRY AREA AWAY FROM ACIDS. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.

10.1 D.O.T. CLASS:

COMPOUND,CLEANING LIQUID,N.O.I.B.N.

10.3 OTHER PRECAUTIONS:

FOR INDUSTRIAL USE ONLY

10.4 DATE APPROVED:

04/04/2005

**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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