

SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION



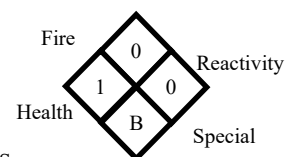
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HAZARD RATING
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT
B=GOGGLES & GLOVES



CHEMICAL NAME SYNONYMS

CHEMICAL FAMILY SOLUTION

TRADE NAME SYNONYMS

S-46 PINE CLEANER

1-410-325-5040

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTES OF EXPOSURE

INHALATION	IF MISTED AND INHALED, CAN BE IRRITATING
SKIN ABSORPTION	N/A
INGESTION	IRRITATING TO MUCOUS MEMBRANES
SKIN CONTACT	SLIGHTLY IRRITATING
EYE CONTACT	SLIGHTLY IRRITATING

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	%	CAS NUMBER
NONYLPHENOXYPOLYETHOXYETHANOL	2-11	127087-87-0
EDTA TETRA SODIUM	1-8	64-02-8
PINE OIL	1-6	8002-09-3
OLEATE AND LINOLEATE SOAP	1-6	NON-HAZ

4 FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE UNKNOWN

CHRONIC OVEREXPOSURE UNKNOWN

EMERGENCY FIRST AID PROCEDURE

EYE FLUSH WITH WATER AND CALL A PHYSICIAN

SKIN WASH WITH WATER AND REMOVE CLOTHING
WASH CONTAMINATED CLOTHING BEFORE REUSE

INHALATION MOVE TO FRESH AIR AND CALL A PHYSICIAN

INGESTION DO NOT INDUCE VOMITING. CALL A PHYSICIAN

NOTES TO PHYSICIAN

5 FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD)	NONE	AUTOIGNITION TEMPERATURE	NONE
FLAMMABLE LIMITS IN AIR % BY VOL	LOWER	N/A	UPPER N/A
EXTINGUISHING MEDIA	N/A		
SPECIAL FIRE FIGHTING PROCEDURES	N/A		
UNUSUAL FIRE AND EXPLOSION HAZARD	N/A		

6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: MAY BE DILUTED WITH WATER AND FLUSH DOWN SEWER IF PERMITTED BY FEDERAL, STATE AND LOCAL REGULATIONS.

NEUTRALIZING CHEMICALS NOT REQUIRED: VINEGAR

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

7 HANDLING & STORAGE

AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER HANDLING.

STORAGE PROCEDURES:

STORE IN A COOL DRY WELL VENTILATED AREA AVOID FREEZING OR EXCESSIVE HEAT

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT	NONE
RESPIRATORY (SPECIFY IN DETAIL)	NONE
EYE GOGGLES	GLOVES RUBBER
OTHER CLOTHING AND EQUIPMENT	NONE

9 PHYSICAL DATA

BOILING POINT 760 MM HG	100°C	MELTING POINT	O°C pH: 12.2
SPECIFIC GRAVITY	1.04	VAPOR PRESSURE	SIMILAR TO WATER
VAPOR DENSITY (AIR=1)	N/A	SOLUBILITY IN H₂O % BY WT	COMPLETE
% VOLATILES BY WT	93	EVAPORATION RATE (BUTYL ACETATE=1) APPROX=	WATER
APPEARANCE AND ODOR	CLEAR AMBER LIQUID, PINE ODOR		

10 STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY	NONE
INCOMPATIBILITY	ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS	ACRID FUMES IF HEATED TO DECOMPOSITION
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	NONE

11 TOXICOLOGICAL INFORMATION

NONE KNOWN

12 ECOLOGICAL INFORMATION

NONE KNOWN

13 DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS

14 TRANSPORT INFORMATION

REFER TO BILL OF LADING OR CONTAINER LABEL

15 REGULATORY INFORMATION

USA (TSCA), CANADA (DSL)

16 OTHER INFORMATION

PRECAUTIONARY STATEMENTS WASH AFTER HANDLING AND KEEP OUT OF REACH OF CHILDREN

DISCLAIMER OF LIABILITY

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of the material and the results to be obtained from the use thereof.

ND-NOT DETERMINED

NA-NOT APPLICABLE

NE-NOT ESTABLISHED

DATE 06-10-2014 - S-46 PINE CLEANER