



Common Name: PINE OIL CLEANER

Manufacturer: NYCO PRODUCTS

MSDS Revision Date: 6/1/2011

Grainger Item Number(s): 11U458

Manufacturer Model Number(s):

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MATERIAL SAFETY DATA SHEET

MSDS NO.: N872

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REVISION DATE: 6/1/2011

SUPERSEDES DATE: 2/7/2011

PLEASE NOTE:

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SECTION I - PRODUCT IDENTITY



PRODUCT NAME: PINE OIL CLEANER

FORMULA: MIXTURE, SOAP, PINE OIL AND ALCOHOL IN WATER.

CHEMICAL TYPE: AS ABOVE

HMIS RATINGS:

HEALTH 1 (SLIGHT)
 FLAMMABILITY 2 (MODERATE)
 REACTIVITY 0 (MINIMAL)
 PROTECTION B (GOOGLES & GLOVES)

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV	CARCINOGEN (OSHA, TP, IARC)
ISOPROPANOL CAS NO.: 67-63-0	<5%	400 PPM	NO
PINE OIL CAS NO.: 8002-09-3	<5%	NONE	NO

SECTION III - CHEMICAL AND PHYSICAL

APPEARANCE: CLEAR STRAW LIQUID

BOILING POINT: <212 DEG. F

ODOR: PINE SCENT

MELTING POINT: N/A

pH: 11.5 - 12.6

SPEC. GRAVITY (H₂O = 1): 0.99

WATER SOLUBILITY: COMPLETE

VAPOR PRESSURE (MMHg): N/A

VISCOSITY @ 25 DEG. C: <25 CPS (BROOKFIELD)

VOC CONTENT: 8%

SECTION IV - FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD): 105 DEG. F TCC

EXPLOSION LIMITS:

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: WATER FOG, FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES AND HAZARDS:

MINIMIZE PROLONGED SKIN AND EYE CONTACT. WEAR EYE PROTECTION IF EXPOSURE IS LIKELY.

SECTION V - REACTIVITY INFORMATION

STABLE (X)
 UNSTABLE ()

PRECAUTIONS:

INCOMPATIBILITY: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS:
 IF IN A FIRE: CO, CO₂, HYDROCARBONS.

HAZARDOUS POLYMERIZATION:

OCCURS ()

DOES NOT OCCUR (X)



SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

INHALATION:

BREATHING OF MISTS MAY CAUSE IRRITATION. REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED.

SKIN:

EXTENDED CONTACT MAY CAUSE IRRITATION OR DEFATTING. WEAR PROTECTIVE GLOVES IF NECESSARY. FLUSH SKIN WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION FOR ANY IRRITATION.

EYES:

CAN CAUSE IRRITATION. WEAR GOGGLES AS NEEDED. FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. GET PROMPT MEDICAL ATTENTION IF NEEDED.

INGESTION:

MAY CAUSE A MILD GASTRIC DISTURBANCE. DRINK LOTS OF WATER OR, PREFERABLY MILK OR JUICES. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IF EFFECTS PERSIST.

MOST LIKELY ROUTES OF ENTRY: SKIN, EYES.

OTHER IMPORTANT MEDICAL OR PRECAUTIONARY INFORMATION: NONE



SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS AND LEAKS:

SMALL SPILLS CAN BE FLUSHED INTO NORMAL DRAINAGE OR INTO GROUND WITH COPIOUS AMOUNTS OF WATER, OR TAKEN UP WITH ABSORBENT MATERIAL. LARGER SPILLS SHOULD BE CONTAINED BY DIKING OR OTHER METHODS AND HELD FOR DISPOSAL OR REUSE.

STORAGE AND HANDLING:

CHECK DAILY FOR ANY LEAKS FROM CONTAINERS, VESSELS, PUMPS, AND PIPING.

WASTE DISPOSAL:

PRODUCT MAY BE DISPOSABLE IN SEWERS IF LOCAL REGULATIONS PERMIT. OTHERWISE SEND TO A LICENSED TREATMENT FACILITY.

EMPTY CONTAINERS:

RINSE WELL BEFORE HANDLING AND DISPOSAL. OBSERVE LABEL PRECAUTIONS.

OTHER PRECAUTIONS: NONE



SECTION VIII - REGULATORY INFORMATION

REPORTABLE FOR SARA TITLE III, S.313 (FORM R): NONE

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