

MATERIAL SAFETY DATA SHEET

Provided and Distributed by:

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EFFECTIVE DATE: 4-1-13

CODE: 211

PRODUCT NAME: Pine Shine Degreaser

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PRODUCT

MSD: 211-

HAZARDOUS INGREDIENTS (TYPICAL VALUES – NOT SPECIFICATIONS)

ISOPROPANOL; CAS #67-63-0: OSHA & ACGIH TWA 400PPM, STEL 500PPM.

TERPINEOL; CAS# 8002-09-3: OSHA & ACGIH TWA/TLV 100PPM.

Section 1-Physical Data

Boiling Point: 255°F

Sol. In Water: Soluble

Vap. Press. (mmHg @25°C): NA

Sp. Gravity (@25/25°C): 0.9760

Vap. Density (Air = 1): NA

% Volatile by Volume: 79.55%

pH: 9.5-10.5

EVAP. RATE (ETHYL ETHER = 1): <1

Appearance and Odor: CLEAR, AMBER COLORED LIQUID WITH PINE ODOR.

Section 2-Fire and Explosion Hazard Data

Flashpoint: >200°F

Flammable Limits:

Method Used: T.C.C.

LEL (% Vol): UNK

UEL (%Vol): UNK

Extinguishing

Media: WATER FOG,

FOAM, DRY CHEMICAL, OR CO2

Special Fire Fighting Equipment and Hazards: EVACUATE HAZARD AREA OF PERSONNEL. WEAR PROPER PROTECTIVE CLOTHING

INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Section 3-Reactivity Data

Stability: STABLE.

Incompatibility: HEAT, FLAME, SPARKS AND CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

Hazardous Polymerization: WILL NOT OCCUR.

Section 4-Spill, Leakage and Disposal Procedures

Action to be take for spills (Use appropriate safety equipment): ELIMINATE ALL SOURCES OF IGNITION. SOAK UP WITH AN ABSORBENT SUCH AS CLAY, SAND, OR OTHER INERT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH REMAINING RESIDUE WITH WATER.

Disposal Method: CONSULT FEDERAL, STATE AND LOCAL REGULATIONS.

Section 5-Health Hazard Data-Effect of Overexposure

Ingestion: MAY RESULT IN VOMITING, ASPIRATION OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRHAGE.

Eye Contact: SHORT-TERM LIQUID CONTACT MAY CAUSE MODERATE TO SEVERE IRRITATION TO EYE AND SURROUNDING TISSUE. PROLONGED OR REPEATED CONTACT MAY BE MORE IRRITATING.

Skin Contact: PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. MILD ALLERGEN.

Skin Absorption: WILL NOT OCCUR.

Inhalation: HIGH CONCENTRATIONS OR PROLONGED EXPOSURE TO LOWER CONCENTRATIONS MAY BE SLIGHTLY IRRITATING TO MUCOUS MEMBRANES AND RESULT IN CNS DEPRESSION.

Section 6-First Aid

Eyes: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING UPPER AND LOWER EYELIDS OPEN. GET MEDICAL ATTENTION.

Skin: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES AND LAUNDRER BEFORE RE-USE. IF IRRITATION IS EVIDENT, GET MEDICAL ATTENTION.

Inhalation: MOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF MATERIAL INTO LUNGS. DRINK LARGE AMOUNT OF WATER OR MILK TO DILUTE CONTENTS OF STOMACH. GET MEDICAL ATTENTION.

SUPPLEMENTAL HEALTH INFORMATION (ACUTE TOXICITY DATA):

Eyes: NOT AVAILABLE. Skin: NOT AVAILABLE. Respiratory: NOT AVAILABLE.

Oral: IF MORE THAN 2ml/KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONCIOUSNESS OCCUR BEFORE EMESIS, GASTRIC LAVAGE WITH A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

Systemic: NOT AVAILABLE.

CARCINOGENICITY: NTP: NO

IARC: NO

OSHA REGULATED?: YES-ISOPROPANOL

Section 7-Special Handling Information

Ventilation: GOOD ROOM VENTILATION IS ADEQUATE. DO NOT USE IN CONFINED, NON-VENTILATED AREAS.

Respiratory Protection: NONE REQUIRED FOR INTENDED USE OF PRODUCT. IF TLV IS TO BE EXCEEDED, USE ORGANIC VAPOR RESPIRATOR.

Protective Clothing: WEAR IMPERVIOUS GLOVES AND CLOTHING AS NECESSARY TO AVOID SKIN CONTACT

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES.

Section 8-Special Precautions and Additional Information

Precautions to be taken in Handling and Storage: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. TREAT EMPTY CONTAINERS AS IF THEY WERE FULL DUE TO PRESENCE OF PRODUCT RESIDUE.

Additional Information: HMIS...2, 1, 0, B

Section 9-D.O.T. Shipping Information

Proper Shipping Name: LIQUID CLEANING COMPOUND

Hazard Class : NONE.

Label Requirements: NONE.

Emergency Response Guide No.: N/A

ID No.: N/A

Section 10-Environmental Information

RCRA Waste No.: N/A

Reportable Quantity (CERCLA): NOT APPLICABLE.

NFPA: 2,1, 0

ID No.: N/A

Threshold Planning Quantity: None

Sara Title III, Sec. 313: NOT APPLICABLE.

CONSULT PURECHEM, INC. FOR FURTHER INFORMATION

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