

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Pine Plus

MSDS Number: D3504D

Revision Date: 01/19/09

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr

Harahan, LA 70123

Contact: Charito Kuylen
Telephone Number: 504-733-1152
FAX Number: 504-733-2218
E-Mail:
Web www.wechem.com

Product Name: Pine Plus
Revision Date: 01/19/09
MSDS Number: D3504D
Product Code: D3504

2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, skin, eyes
Target Organs: NA
Inhalation: No adverse reaction expected.
Skin Contact: May cause moderate to severe irritation.
Eye Contact: Danger : Corrosive. May be corrosive to to the eyes.
Ingestion: May be harmful if swallowed.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 0

HMIS® Rating H*2/F2/PH0

NFPA-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Chemical Name | Perc. | OSHA PEL (ppm) | ACGIH TLV(ppm) | Carcin. Ref. |
|----------|--|-------|----------------|----------------|--------------|
| 67630 | Isopropanol | 5-15 | 400 | 400 | D |
| 85409230 | Alkyl(68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride | <5 | NA | NA | D |
| 68391015 | Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18) | <5 | NA | NA | D |

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Pine Plus

MSDS Number: D3504D

Revision Date: 01/19/09

Page 2 of 4

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Seek medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Do not induce vomiting. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: 105 Deg F (36.1 Deg C)
Flash Point Method: PMCC
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: Combustible

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special Fire fighting procedures: Wear protective gear and NIOSH- approved self- contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

Unusual Fire & Explosion Hazards: NA

6 ACCIDENTAL RELEASE MEASURES

Contain spill. Absorb with suitable medium. Ventilate closed spaces before entering. Wear appropriate personal protective equipment during cleanup.

Small spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Use non-sparking tools to collect absorbed material.

Large Spills: Dike ahead of liquid spill for later disposal

7 HANDLING AND STORAGE

Handling Precautions: Do not reuse empty container. Triple rinse (or equivalent) container before disposal. Avoid contact with skin and eyes. Avoid breathing vapors or mists of this product. Wash hands before eating, drinking or smoking, or using toilet facilities.

Storage Requirements: DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Keep container tightly closed and in a cool, well-ventilated area. Avoid freezing or excessive heat.

Do not reuse empty container. Triple rinse (or equivalent) container before disposal. Keep out of reach of children.

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Pine Plus

MSDS Number: D3504D

Revision Date: 01/19/09

Page 3 of 4

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to maintain exposure below exposure limits.
Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions
HMIS PP, B | Goggles, Gloves
Respiratory Protection: None needed. Otherwise, use a NIOSH-approved respirator.
Protective gloves: Rubber/impervious
Eye protection: Safety glasses/Chemical goggles with face shield
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------------|-------------------------------|------------------------------|-----------------------------------|
| Appearance: | Clear to slightly hazy liquid | Boiling Point: | 97 Deg. F (36.1 Deg. C) |
| Physical State: | Liquid | Freezing/Melting Pt.: | NA |
| Odor: | Characteristic | Solubility: | Complete |
| pH: | 6.5 +/- 1 | Spec Grav./Density: | (H2O=1): 0.988 +/- 0.1 @ 25 Deg F |
| Vapor Pressure: | ND | | |
| Vapor Density: | (Air=1): <1 | | |
| Heat Value: | NA | | |
| VOC: | 8.65 % (IPA) | | |
| Evap. Rate: | Est. Slower than Ethyl Ether | | |
| Bulk Density: | NA | | |
| Octanol: | NA | | |
| Molecular Weight: | NA | | |
| Particle Size: | NA | | |
| Softening Point: | NA | | |
| Viscosity: | NA | | |
| Percent Volatile: | NA | | |
| Sat. Vap. Concentrat.: | NA | | |
| Molecular Formula: | NA | | |

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Contact with strong oxidizing agents

Materials to avoid (incompatibility): Strong oxidizing agents, anionic compounds

Hazardous Decomposition products: Oxides of nitrogen and ammonia

Hazardous Polymerization: Will not occur

MSDS **Material Safety Data Sheet**

Wechem, Inc.

Pine Plus

MSDS Number: D3504D

Revision Date: 01/19/09

Page 4 of 4

11 TOXICOLOGICAL INFORMATION

Isopropanol 67-63-0
NIOSH-Selected LD50s and LC50s Inhalation LC50 Rat: 16000 mg/kg/8H
Oral LD50 Rat: 5045 mg/kg
Oral LD50 Mouse: 3600 mg/kg
Dermal LD50 Rabbit: 12800 mg/kg

Pine Oil 8002-09-3
NIOSH-Selected LD50s and LC50s Oral LD50 Rat: 3200 mg/kg
Dermal LD50 Rabbit: 5 g/kg

12 ECOLOGICAL INFORMATION

Toxic to fish
This product is biodegradable.

13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name: Disinfectants, NOI

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Isopropanol (67630 5-15%) MASS, NJHS, NRC, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT