

CORPORATE EXPRESS US, Inc.
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Broomfield, CO 80021
Business Phone: 1.888.203.5101
24-HR MEDICAL AND DOT EMERGENCIES: 1.888.322.0912

MSDS #: MSDS CEB4600
Hazard Rating **HMIS** **NFPA**
Health 2 2
Flammability 1 1
Reactivity 0 0
Special None None

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION

Product: **PINE DC PLUS™**

MSDS CODE: CEB4600.1207

This MSDS applies to CEB4601 and Quick Mix® CEB4602QM

GENERIC DESCRIPTION	DATE ISSUED	SUPERSEDES	PREPARED BY
Disinfectant Cleaner	12-1-07	None	Regulatory Specialist

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components*	% by Wt.	CAS #	Exposure Limit
Didecyl dimethyl ammonium chloride	2.43	7173-51-5	None Established
n-Alkyl dimethyl benzyl ammonium chloride	1.62	68424-85-1	None Established
N,N-Dimethyl-1-octylamine-N-oxide	0.80	2605-78-9	None Established
Ethylenediaminetetraacetic acid, trisodium salt	0.93	150-38-9	None Established
Ethanol	1.00	64-17-5	1000 ppm (OSHA-PEL);1000 ppm (ACGIH-TWA)
Water	93.20	7732-18-5	None Established

NA = Not applicable NSR = No Special Requirements ND = Not Determined PEL = OSHA TLV-TWA = ACGIH

SECTION 3: HAZARD IDENTIFICATION

Primary Entry Routes: Skin, eyes, ingestion. **Signs & Symptoms of Exposure:** Direct contact of product with eyes or skin may cause irritation. Prolonged or repeated contact of product with skin and eye may cause redness. If taken internally, product may cause irritation to mouth, throat or stomach. **Effects of Overexposure:** None known

SECTION 4: FIRST AID MEASURES

Emergency First Aid Procedures:

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Get immediate medical attention.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention. Wash contaminated clothing before reuse.

Ingestion: If swallowed, immediately give 3-4 glasses of milk (if unavailable, give water). DO NOT induce vomiting. If vomiting occurs, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

Inhalation: In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: >201F (PMCC) **Flammable Limits:** ND **Extinguishing Media:** Dry chemical, foam, carbon dioxide, water fog.

Special Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: No special hazards known. Use water spray to cool nearby containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Release or Spill: Keep spill out of sewers and open bodies of water.

SECTION 7: HANDLING AND STORAGE

Keep from freezing. Store at temperatures below 140 F. Keep containers closed until used. Do not contaminate drinking water; food or feed by storage or disposal. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

RESPIRATORY PROTECTION: Not normally required when good general ventilation is provided. However, if exposure limits (see Section 2) are exceeded or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section 2 should be considered.

PROTECTIVE GLOVES: Rubber or neoprene, to prevent skin contact.

EYE PROTECTION: Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields where there is no potential for eye contact.

OTHER PROTECTIVE EQUIPMENT: Eye wash stations and washing facilities should be readily accessible in areas where undiluted product is handled. See 29 CFR 1910.132-138 for further guidance.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Green Liquid, Pine Odor **Boiling Point:** >212F **Evap. Rate:** NA **pH:** 7.2
Vapor Density: Not Known **Vapor Pressure:** Not Known **Specific Gravity:** 1.0 **Solubility in Water:** Complete **%Volatile:** 94.2%

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable **Conditions to Avoid:** None known. **Incompatibility:** None known.

Hazardous Decomposition Products: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen. **Hazardous Polymerization:** Will not occur. **Conditions to Avoid:** None known.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicity information available for this product.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: The ecological toxicity of this product is not known.

SECTION 13: DISPOSAL CONSIDERATIONS

Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Rinse area with water and flush to sanitary sewer. Keep spill out of storm sewers and waterways. Dispose of in compliance with all federal, state and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: 1.888.322.0912 **U.S. DOT Hazard Class:** Corrosive Liquid PGIII

DOT Shipping Name: Disinfectants, liquid, n.o.s.

SECTION 15: REGULATORY INFORMATION

SARA Title III Section 313 and 40 CFR Part 372 Notification: Ingredients in this product are not currently subject.

No ingredients in this product are currently listed as carcinogens by NTP, IARC or OSHA. This product is considered a pesticide, and is therefore excluded from the United States TSCA Regulations. There is no calculable reportable quantity (RQ) for this product.

SECTION 16: OTHER INFORMATION

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact CORPORATE EXPRESS at 1.888.203.5101 or visit our website at www.corporateexpress.com. Keep MSD Sheets filed and organized in an area accessible to workers according to the OSHA Hazard Communication Standards.

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