

# Material Safety Data Sheet

## Section 1 - Product Information

Product Name: **Ceasolder**

Manufacturer: Qualitek International, Inc.      Emergency Telephone Number: 1-800-535-5053  
 315 Fairbank Street      Information Telephone Number: 1-630-628-8083  
 Addison, IL 60101, USA      Fax Number: 1-630-628-6543

Date Prepared: 01/15/99

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## Section 2 - Hazardous Ingredients

### Hazardous Components:

<u>Chemical</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>
Ammonia	7664-41-7	25 ppm	25 ppm	< 0.3
**Zinc Oxide	10mg/m <sup>3</sup> /m <sup>3</sup>	25 ppm	25 ppm	< 0.5

### Non-Hazardous:

Zinc Dibutyl Dithiocarbamate	136-23-2	N/D	N/D	<0.4
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### Hazard Rating Systems

HMIS:                      Health: 1                      Flammability: 0                      Reactivity: 0                      Personal Protection: B

Other ingredients are not considered hazardous according to 29 CFR 1910.1200

## Section 3 - Physical and Chemical Characteristics

Boiling Point: 212°F (100°C)                      Specific Gravity (H<sub>2</sub>O = 1 @24°C): 1.02

Melting Point: Not Applicable

Vapor Density (AIR=1): Water

Reactivity in Water: None

Vapor Pressure (mm Hg): Water

Solubility in Water: Miscible

Appearance and Odor: Pink with slight ammonia odor

## Section 4 - Fire and Explosion Data

Flash Point: N/A Water Based

Flammable Limits: LEL N/A

Auto Ignition Temperature: N/A

UEL N/A

Extinguishing Media: For dried material, use water, dry chemical or foam

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus (SCBA) and protective clothing.

Unusual Fire and Explosion Hazards: None.

## Section 5 - Reactivity Data

Incompatibility (Materials to Avoid): Avoid strong acids, oxidizers and corrosive materials.

Hazardous Decomposition or Byproducts: Thermal decomposition may yield oxides of carbon and nitrogen.

Hazardous Polymerization: May Occur:  Will not Occur:

Conditions to Avoid: None known

## Section 6 - Health Hazards

Route(s) of Entry: Inhalation?  Skin?  Indigestion?   
Acute (Severe Short Term) Health Hazards: Irritation to eyes, skin, respiratory tract; (Ingestion not an anticipated route of entry)  
Chronic (Long Term) Health Hazards: Frequent or prolonged contact with skin may cause skin rash which could lead to dermatitis.  
Carcinogenicity: None according to NTP, IARC, and OSHA.  
Signs and Symptoms of Exposure: SKIN - redness, burning, drying, cracking, and rash; EYE - stinging, tearing, redness, and swelling  
Medical Conditions Generally Aggravated by Exposure: Not Determined  
Emergency and First Aid Procedures: Perform the following First-Aid procedures; consult a physician and get proper medical attention when necessary.  
**Eye Contact:** Flush eyes with plenty of water for 15 minutes.  
**Skin Contact:** Wash thoroughly with soap and water; use lotion to prevent dryness.  
**Inhalation:** Remove to fresh air, if breathing is difficult, administer oxygen and contact a physician immediately.

## Section 7 - Special Precautions and Spill/Leak Procedures

Steps to be taken in Case Material is Released or Spilled: Soak up with absorbent materials and remove to chemical disposal area.  
Waste Disposal Method: Dispose of in accordance with Federal, State, and local regulations.  
Precautions to be taken in Handling and storage: Do not allow to freeze, product stability may be affected.  
Other Precautions: Avoid repeated or prolonged breathing of vapor or skin contact.

## Section 8 - Special Protection Information / Control Measures

Respiratory Protection: Where concentrations may exceed exposure limits use NIOSH/MSHA approved respirators to prevent overexposure by inhalation.  
Ventilation: Local and/or General ventilation should be used to keep exposures below limits.  
Protective Gloves: Chemical resistant gloves recommended  
Eye Protection: Chemical goggles recommended  
Other Protective clothing or Equipment: Eye wash station, emergency showers.  
Work / Hygienic Practices: Wash hands after handling product.

## Section 9 - Other Regulatory Information

TSCA: Subject chemical substance(s) and ingredient(s) are all listed on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.  
CERCLA: If this product is accidentally spilled, it is not subject to any special reporting requirements of the Comprehensive Environmental Response, Compensation And Liability Act ("CERCLA") Contact local authorities to determine if there are any local reporting requirements.  
SARA TITLE III: Section 311/312 - This product is classified into the following hazard categories: Immediate Health, Delayed Health, Fire. Section 313 - This product is not subject to the Community Right-To-Know reporting requirements.  
DOT: DOT Proper Shipping Name -Not a DOT Hazardous Material (contains ammonia).  
California Proposition 65: This product when used for soldering and similar applications produces chemicals known to some states to cause birth defects or other reproductive harm.

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