

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's  
Hazard Communication Standard, 29  
CFR 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Forms Approved  
OMB NO. 1218-0072

DTLS

IDENTITY (As used on Label and List)

**Crystal Chlorine Bleach**

Note: Blank spaces are not permitted. If any item is not applicable, or  
information is available, the space must be marked to indicate that.

**SECTION 1. Company Identification**

MANUFACTURER'S NAME

EMERGENCY TELEPHONE NUMBER

ADVANCED BLENDING

817-572-7722 (8-5 pm cst)

ADDRESS

NUMBER FOR INFORMATION

645 TOWER DR.

same

KENNEDEALE, TX 76060

Date Prepared: 7/4/99

**SECTION 2. Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Names) OSHA PEL AGGIH TLV OTHER LIMITS

No hazardous components

**SECTION 3. Hazardous Information**

This product is not considered hazardous according to the US Department of Transportation.

**SECTION 4. Physical Characteristics**Boiling Point: ND Specific Gravity (H<sub>2</sub>O = 1): ND Vapor Pressure (mm Hg.): ND Melting Point: NA Vapor Density (Air = 1): ND

Evaporation Rate (Butyl Acetate = 1): ND Solubility In Water: Complete Appearance &amp; Odor: White powder with characteristic odor.

**SECTION 5. -Fire & Explosion & Hazard Data**

Flash Point (Method Used): NA Flammable Limits NA LEL: NA UEL: NA Extinguishing Media: Not combustible. Water spray, dry

chemical, CO<sub>2</sub> or foam may be used in areas where product is stored. Special Fire Fighting Procedures: Product presents no unusual fire hazard

and requires no special procedures. Unusual Fire and Explosion Hazards: None known

**SECTION 6. Reactivity Data**

Stability: Stable Conditions to Avoid: None Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts: None Hazardous Polymerization: Will Not Occur Conditions to Avoid: N/A

**SECTION 7. Health Hazard Data**

Routes of Entry: Eyes X Inhalation X Skin X Ingestion X

Health hazard (Acute &amp; Chronic) May be irritating to eyes or skin with some individuals. Carcinogenicity: None

NTP IARC Monographs OSHA Regulated

**SECTION 8. First Aid Measures**

Ingestion: If ingested in large quantities, seek medical attention. Eyes: Immediately flush with a directed stream of water for at least 15 minutes holding the eyelid apart to ensure complete irrigation of the eye.

**SECTION 9. Precautions for Safe Handling & Use**

Steps to be taken in case material is released or spilled: If spilled, steps should be taken to contain spill. an area of spill immediately. Follow protective measures provided under Control Measures in Section 9.

Precautions to be taken in handling or storing: For best product performance store in cool, dry area. Other Precautions: Keep out of the reach of children.

**SECTION 10. Control Measures**

Respiratory Protection (Specify Type): None Ventilation: Local Exhaust: NA Special: NA Mechanical (General): NA

Other: NA Protective Gloves: NA Eye Protection: Required Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Clean all spills immediately. Observe personal hygiene.

**SECTION 11. Toxicological Information**

Product not considered toxic

**SECTION 12. Ecological Information**

There is limited information available on the environmental fate and effects of this material. It is micible in water. This compound is alkaline and may raise the pH of surface waters with low buffering capacity if spilled. Due caution should be exercised to prevent the accidental release of this material to the environment. In concentrated form this product may show trace levels of toxicity to aquatic organisms.

**SECTION 13. Disposal Considerations**

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

**SECTION 14. Transportation Information**

This product is not regulated. Shipping class 55

**SECTION 15. Regulatory Information**

We request that you make all information in this Material Safety Data Sheet available to all employees.

SARA /TITLE III HAZARD CATEGORIES: If the word "yes" appears next to any category, this product may be reportable by you under the requirements of 40 CFR 370. Please consult those regulations for details.

Immediate (Acute) Health: Yes

Delayed (Chronic) Health: No Fire Hazard: No Reactive Hazard: No Sudden Release of Pressure: No

HMIS HAZARD RATINGS: Health Hazard: 0 Fire Hazard: 0 Reactivity: 0

INTERNATIONAL REGULATIONS: Consult the regulations of the importing country.

**SECTION 16. Other Information**

MSDS LEGEND: CAS = Chemical Abstracts Service Registry Number

Ceiling Limit = Ceiling Limit (15 Minutes)

OSHA = Occupational Safety and Health Administration

TLV = Threshold Limit Value (ACGIH)

ACGIH = American Conference of Governmental Industrial Hygienists

IMPORTANT: The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state, or local laws, rules, regulations or ordinances.