



J.T. Baker Inc.
222 Red School Lane
Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
National Response Center 800-424-8802
Chemtrec 800-424-9300

National Response In Canada
CANUTEC 613-996-6666

Outside U.S. and Canada
Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
SIGNALETIQUE

HOJAS DE DATOS
DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 1
Issued: 07/10/93

J.T. BAKER INC., 222 Red School Lane, Phillipsburg, NJ 08865

SECTION I - PRODUCT IDENTIFICATION

Product Name: Cupric Acetate, Monohydrate
Common Synonyms: Copper(II)Acetate, Monohydrate; Acetic Acid,
Copper(2+)Salt, Monohydrate
Chemical Family: Copper Compounds
Formula: $(CH_3COO)_2Cu \cdot H_2O$
Formula Wt.: 199.64
CAS No.: 6046-93-1
NIOSH/RTECS No.: AG3500000
Product Use: Laboratory Reagent
Product Codes: 1766,5268,5079,5267,5246

PRECAUTIONARY LABELING

BAKER SAF-T-DATA* System

HEALTH	FLAMMABILITY	REACTIVITY	CONTACT
2	0	1	2
MODERATE	NONE	SLIGHT	MODERATE

Laboratory Protective Equipment



U.S. Precautionary Labeling

WARNING!

CAUSES IRRITATION. HARMFUL IF SWALLOWED.
Avoid contact with eyes, skin, clothing. Keep in tightly closed container.
Wash thoroughly after handling.



J.T. Baker Inc.
222 Red School Lane
Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
National Response Center 800-424-8802
Chemtrec 800-424-9300

National Response In Canada
CANUTEC 613-996-6666

Outside U.S. and Canada
Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
SIGNALÉTIQUE

HOJAS DE DATOS
DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 2
Issued: 07/10/93

===== PRECAUTIONARY LABELING (CONTINUED) =====

International Labeling

Harmful by inhalation, in contact with skin and if swallowed.
Avoid contact with eyes. After contact with skin, wash immediately with plenty of water. Keep container tightly closed.

SAF-T-DATA* Storage Color Code: Orange (general storage)

===== SECTION II - COMPONENTS =====

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
Cupric Acetate, Monohydrate	6046-93-1	90-100	N/E	N/E

===== SECTION III - PHYSICAL DATA =====

Boiling Point: 240°C (464°F) (at 760 mm Hg) DECOMPOSES Vapor Pressure (mmHg): N/A

Melting Point: 115°C (239°F) (at 760 mm Hg) DECOMPOSES Vapor Density (air=1): 6.9

Specific Gravity: 1.88 (H₂O=1) Evaporation Rate: N/A

Solubility(H₂O): Moderate (1-10%) % Volatiles by Volume: 0 (21°C)

pH: N/A

Odor Threshold (ppm): N/A Physical State: Solid

Coefficient Water/Oil Distribution: N/A

Appearance & Odor: Dark green crystals.



J.T. Baker Inc.
222 Red School Lane
Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
National Response Center 800-424-8802
Chemtrec 800-424-9300

National Response In Canada
CANUTEC 613-996-6666

Outside U.S. and Canada
Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
SIGNALETIQUE

HOJAS DE DATOS
DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 4
Issued: 07/10/93

=====
SECTION V - HEALTH HAZARD DATA (CONTINUED)
=====

Reproductive Effects

None identified.

Effects of Overexposure

INHALATION: irritation of upper respiratory tract
SKIN CONTACT: irritation
EYE CONTACT: irritation
SKIN ABSORPTION: none identified
INGESTION: nausea, vomiting, unconsciousness
CHRONIC EFFECTS: none identified

Target Organs

respiratory system, skin, liver, kidneys

Medical Conditions Generally Aggravated by Exposure

Wilson's disease

Primary Routes of Entry

inhalation, ingestion, skin contact, eye contact

Emergency and First Aid Procedures

INGESTION: CALL A PHYSICIAN. If swallowed, if conscious, give large amounts of water. Induce vomiting.
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
SKIN CONTACT: In case of contact, flush skin with water.
EYE CONTACT: In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

SARA/TITLE III HAZARD CATEGORIES and LISTS

Acute: Yes Chronic: Yes Flammability: No Pressure: No Reactivity: No



J.T. Baker Inc.
222 Red School Lane
Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
National Response Center 800-424-8802
Chemtrec 800-424-9300

National Response In Canada
CANUTEC 613-996-6666
Outside U.S. and Canada
Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
SIGNALÉTIQUE

HOJAS DE DATOS
DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 5
Issued: 07/10/93

SECTION V - HEALTH HAZARD DATA (CONTINUED)

Extremely Hazardous Substance: No
CERCLA Hazardous Substance: Yes Contains Cupric Acetate (RQ = 100 LBS)
SARA 313 Toxic Chemicals: Yes Contains Copper
Generic Class: Generic Class Removed from CFR: 7/1/91
TSCA Inventory: Yes

SECTION VI - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur
Conditions to Avoid: none documented
Incompatibles: none identified
Decomposition Products: carbon monoxide, carbon dioxide

SECTION VII - SPILL & DISPOSAL PROCEDURES

Steps to be Taken in the Event of a Spill or Discharge

Wear self-contained breathing apparatus and full protective clothing. With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation: Use general or local exhaust ventilation to meet TLV requirements.
Respiratory Protection: Respiratory protection required if airborne concentration exceeds TLV. At concentrations up to 7 ppm, a dust/mist respirator is recommended. Above this level, a self-contained breathing apparatus is advised.
Eye/Skin Protection: Safety goggles, uniform, rubber gloves are recommended.



J.T. Baker Inc.
 222 Red School Lane
 Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
 National Response Center 800-424-8802
 Chemtrec 800-424-9300

National Response In Canada
 CANUTEC 613-996-6666
 Outside U.S. and Canada
 Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
 SIGNALÉTIQUE

HOJAS DE DATOS
 DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
 Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 6
 Issued: 07/10/93

=====

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

=====

SAE-T-DATA* Storage Color Code: Orange (general storage)

Storage Requirements

Keep container tightly closed. Suitable for any general chemical storage area.

=====

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

=====

Domestic (D.O.T.)

Proper Shipping Name: Hazardous substance, solid, n.o.s. (Cupric Acetate)
 Hazard Class: ORM-E
 UN/NA: NA9188 Reportable Quantity: 100 LBS.
 Labels: NONE
 Regulatory References: 49CFR 172.101; 173.500; 173.510

International (I.M.O.)

Proper Shipping Name: Chemicals, n.o.s. (Non-regulated)
 Marine Pollutants: No

AIR (I.C.A.O.)

Proper Shipping Name: Chemicals, n.o.s. (Non-regulated)

U.S. Customs Harmonization Number: 29152900007

N/A = Not Applicable or Not Available
 N/E = Not Established

The information in this Material Safety Data Sheet meets the requirements of the United States OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and the Canadian WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes.

Exposure to this product may have serious adverse health effects. This

Continued on Page: 7

0020



J.T. Baker Inc.
 222 Red School Lane
 Phillipsburg, NJ 08865

24-Hour Emergency Telephone 908-859-2151
 National Response Center 800-424-8802
 Chemtrec 800-424-9300

National Response In Canada
 CANUTEC 613-996-6666

Outside U.S. and Canada
 Chemtrec 202-483-7616

MATERIAL SAFETY DATA SHEET

FICHE
 SIGNALÉTIQUE

HOJAS DE DATOS
 DE SEGURIDAD

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

C5808 -03
 Effective: 03/09/92

Cupric Acetate, Monohydrate

Page: 7
 Issued: 07/10/93

=====

chemical may interact with other substances. Since the potential uses are so varied, Baker cannot warn of all of the potential dangers of use or interaction with other chemicals or materials. Baker warrants that the chemical meets the specifications set forth on the label. BAKER DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR PURPOSE.

The user should recognize that this product can cause severe injury and even death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Baker will periodically revise this Material Safety Data Sheet.

Note: CHEMTREC, CANUTEC, and NATIONAL RESPONSE CENTER emergency telephone numbers are to be used ONLY in the event of CHEMICAL EMERGENCIES involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to Customer Service (1-800-JTBAKER) for assistance.

 COPYRIGHT 1993 J.T.BAKER INC.
 * TRADEMARKS OF J.T.BAKER INC.

===
 Approved by Quality Assurance Department.