



Material Safety Data Sheet

COPPER(II) BROMIDE, ANHYDROUS, 99+%

Section 1 - Chemical Product and Company Identification

MSDS Name: COPPER(II) BROMIDE, ANHYDROUS, 99+%
 Catalog Numbers: 20633-0000, 20633-0050, 20633-1000
 Synonyms: Cupric bromide

Company Identification:

Acros Organics BVBA
 Janssen Pharmaceuticaaan 3a
 2440 Geel, Belgium

Company Identification: (USA)

Acros Organics
 One Reagent Lane
 Fair Lawn, NJ 07410

For information in the US, call:

800-ACROS-01

For information in Europe, call:

+32 14 57 52 11

Emergency Number, Europe:

+32 14 57 52 99

Emergency Number US:

201-796-7100

CHEMTREC Phone Number, US:

800-424-9300

CHEMTREC Phone Number, Europe:

703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
7789-45-9	COPPER(II) BROMIDE, ANHYDROUS, 99+%	99+%	232-167-2

Hazard Symbols: XI



Risk Phrases: 36/37/38

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin. Hygroscopic (absorbs moisture from the air).

Potential Health Effects

Eye: Causes eye irritation.
 Skin: Causes skin irritation.
 Ingestion: No information found.
 Inhalation: Dust is irritating to the respiratory tract.
 Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
 Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
 Ingestion: Get medical aid. Wash mouth out with water.
 Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: Substance is noncombustible.
 Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
 Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits

CAS# 7789-45-9:

United Kingdom, WEL - TWA: (copper): 0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist) United Kingdom, WEL - STEL: (copper): 0.6 STEL (fume); 2 mg/m3 STEL (dust and mist)

United States OSHA: 0.1 mg/m3 TWA (fume); 1 mg/m3 TWA (dusts and mists) (Copper).

Belgium - TWA: (copper): 0.2 mg/m3 VLE (fume); 1 mg/m3 VLE (dust and mist)

France - VME: (copper): 0.2 mg/m3 VME (fume); 1 mg/m3 VME (dust, as Cu) France - VLE: (copper): 2 mg/m3 VLE (dust, as Cu)

Germany: (copper): 0.2 mg/m3 VME (fume); 1 mg/m3 VME (dust, as Cu)

Malaysia: (copper): 0.2 mg/m3 TWA (fume, as Cu); 1 mg/m3 TWA (dust and mist, as Cu)

Netherlands: (copper): 0.2 mg/m3 MAC (smoke); 1 mg/m3 MAC (dust)

Russia: (copper): 0.5 mg/m3 TWA (aerosol)

Spain: (copper): 0.2 mg/m3 VLA-ED (fume); 1 mg/m3 VLA-ED (dust and mist, as Cu)

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear a chemical apron.

Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.

Section 9 - Physical and Chemical Properties

Physical State: Crystalline powder

Color: dark gray - black - grey

Odor: odorless

pH: Not available

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: 900 deg C @ 760.00mm Hg (1,652.00°F)

Freezing/Melting Point: 498 deg C (928.40°F)

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

Decomposition Temperature: Not available

Solubility in water: soluble

Specific Gravity/Density: 4.7700g/cm3

Molecular Formula: Br2Cu

Molecular Weight: 223.36

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Moisture, exposure to moist air or water.

Incompatibilities with Other Materials: Alkali metals, potassium.

Hazardous Decomposition Products: Hydrogen bromide.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#: CAS# 7789-45-9: None listed

LD50/LC50: RTECS: Not available.

Carcinogenicity: COPPER(II) BROMIDE, ANHYDROUS, 99+% - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not available	Not available	Not available

Hazard Class:
UN Number:
Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7789-45-9: Not available

Canada

CAS# 7789-45-9 is listed on Canada's DSL List

US Federal

TSCA

CAS# 7789-45-9 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/16/1996

Revision #0 Date Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.
