



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

EPM00120 CoppeReady(R) CU3900
Revised 18-JUN-2008

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

CoppeReady(R) Cu3900M-01
Cu 3900
Cu 3900M-01

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Air Products NanoMaterials L.L.C.
2441 W.Erie Dr.
Tempe
AZ
United States
85282

PHONE NUMBERS

Product Information : (800)441-7515(outside U.S. 302-774-1000)
Transport Emergency : (800)424-9300(outside U.S. 703-527-3887)
Medical Emergency : (800)441-3637(outside U.S. 302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Water	7732-18-5	90-100
Amino Acid		1-10

Components (Remarks)

The specific identity of the Amino Acid is withheld as a trade secret.

HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin

May cause mild skin irritation. Symptoms may include redness and burning of skin.

Swallowing

(HAZARDS IDENTIFICATION - Continued)

Swallowing this material may be harmful.

Inhalation

Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough).

Target Organ Effects

No data.

Developmental Information

There are no data available for assessing risk to the fetus from maternal exposure to this material.

Primary Route(s) of Entry

Inhalation, skin contact, and eye contact.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES
-----**First Aid****INHALATION**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

(FIRST AID MEASURES - Continued)

Not a probable route. However, in case of accidental ingestion, call a physician.

Notes to Physicians

No antidote or specific treatment regimens known. Use supportive measures as needed.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point : Not Available
Autoignition : Not Available

Hazardous Products of Combustion:
May form carbon dioxide and carbon monoxide.

Extinguishing Media

Water Fog, Foam, Sand, Carbon Dioxide.

Fire Fighting Instructions

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this msds.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Clean Up

Small Spill
Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood.

Large Spill
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

HANDLING AND STORAGE

Handling (Personnel)

Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and /or solid), all hazard precautions given in the data sheet must be observed.

Storage

Keep container closed to prevent contamination.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use sufficient ventilation to keep employee exposure below recommended limits.

Personal Protective Equipment

EYE/FACE PROTECTION: Wear safety glasses or coverall chemical splash goggles.

RESPIRATORS: Where there is potential for airborne exposures in excess of applicable limits, wear NIOSH approved respiratory protection.

PROTECTIVE CLOTHING: Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

Exposure Guidelines

Exposure Limits

CoppeReady(R) CU3900

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 212 F (100 C) (for component)
Vapor Pressure	: 17.5 mm Hg (for component)
Vapor Density	: Not Available
% Volatiles	: Not Available
Evaporation Rate	: Same as water
Form	: Liquid.
pH	: 5-8
Specific Gravity	: 1-1.2
Color	: Clear.

STABILITY AND REACTIVITY

Chemical Stability

Stable.

Incompatibility with Other Materials

No data.

Decomposition

Hazardous gases or vapors can be released, including carbon dioxide, carbon monoxide.

Polymerization

Hazardous polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

No information found.

ECOLOGICAL INFORMATION

Ecotoxicological Information

No information is available.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Container Disposal

Empty containers may contain hazardous residue, toxic vapors. Observe all label warnings.

TRANSPORTATION INFORMATION

Shipping Information

DOT
Not Regulated.

Container/Mode:
55/GAL DRUM/TRUCK PACKAGE

Other Transportation Information
The Transport Information may vary with the container and mode of shipment.

RQ(Reportable Quantity)- 49 CFR 172.101
Not applicable

REGULATORY INFORMATION

U.S. Federal Regulations

This product complies with TSCA inventory reporting requirements.

CERCLA RQ-40 CFR 302.4 (a)
None listed

CERCLA RQ-40 CFR 302.4 (b)
Materials without a "listed" RQ may be reportable as an "unlisted hazardous substance". See 40 CFR 302.5 (b).

SARA 302 Components- See 40 CFR 355 Appendix A
None

Section 311/312 Hazard Class-40 CFR 370.2
Immediate

SARA 313 Components-40 CFR 372.65
None

OSHA Process Safety Management 29 CFR 1910

(REGULATORY INFORMATION - Continued)

None listed

EPA Accidental Release Prevention 40 CFR 68
None listed

International Regulations
Inventory Status:
Not determined.

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating
Health : 1
Flammability : 0
Reactivity : 0

Suggested HMIS ratings are based on characteristics of components where a specific product has not been tested. The component with the most significant hazard potential determines the rating for the mixture when the mixture is not tested.

Additional Information

CoppeReady(R) is a registered trademark of Ashland Inc.
licensed to DuPont Air Products Nanomaterials L.L.C.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : DuPont Air Products Nanomaterials L.L.C
MSDS Coordinator
Telephone : (757)686-8663 OR (919)248-5027

Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS