



chemists helping chemists in research & industry

aldrich chemical co.

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DATE: 03/24/87
CUST # 938609 P.O. #

M A T E R I A L S A F E T Y D A T A S H E E T

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----- IDENTIFICATION -----

PRODUCT # 20884-1 NAME: COPPER(II) OXIDE, 98%
CAS # 1317-38-0

----- TOXICITY HAZARDS -----

NO TOXICITY DATA AVAILABLE

----- HEALTH HAZARD DATA -----

ACUTE EFFECTS

WARNING
HARMFUL DUST.
HARMFUL IF SWALLOWED.
CAUSES IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT,
GIVE OXYGEN.
CALL A PHYSICIAN.
REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

----- PHYSICAL DATA -----

SPECIFIC GRAVITY: 6.315

----- FIRE AND EXPLOSION HAZARD DATA -----

EXTINGUISHING MEDIA
NONCOMBUSTIBLE.

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIRE FIGHTING PROCEDURES

FOR FIRES INVOLVING THIS MATERIAL, DO NOT ENTER ANY ENCLOSED OR
CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. THIS MAY
INCLUDE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST THE
HAZARDOUS EFFECTS OF THE NORMAL PRODUCTS OF COMBUSTION OR OXYGEN
DEFICIENCY.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NOT APPLICABLE



----- REACTIVITY DATA -----

INCOMPATIBILITIES

REDUCING AGENTS
HYDROGEN SULFIDE GAS
ALUMINUM
ALKALI METALS
FINELY POWDERED METALS

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CATALOG # 20884-1

NAME: COPPER(II) OXIDE, 98%

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES

----- SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD
BURY IN A LANDFILL SITE APPROVED FOR THE DISPOSAL OF CHEMICAL AND HAZARDOUS WASTES.

OBSERVE ALL FEDERAL, STATE & LOCAL LAWS.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

CHEMICAL SAFETY GOGGLES.
LONG RUBBER OR NEOPRENE GAUNTLET GLOVES.
SAFETY SHOWER AND EYE BATH.
RUBBER APRON.
USE ONLY IN A CHEMICAL FUME HOOD.
OSHA/MSHA-APPROVED RESPIRATOR IN NONVENTILATED AREAS AND/OR FOR EXPOSURE ABOVE TLV.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
DO NOT BREATHE DUST.
WASH THOROUGHLY AFTER HANDLING.
AVOID CONTACT WITH METALS.

----- ADDITIONAL PRECAUTIONS AND COMMENTS -----

NOT APPLICABLE

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

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