

ChromeFX B2 Super Concentrate

Work/Hygenic Practices: Wash after handling-have shower and eye bath available.

The OSHA Action Level for formaldehyde is 0.5 ppm 8-hour TWA. If this or the OSHA STEL is exceeded, appropriate respiratory protection specified in Table I of 29 CFR 1910.1048 (g) must be worn. Wear self contained breathing apparatus and chemical proof suit for entry into areas where concentrations exceed 75 ppm and for emergency re-entry into areas of unknown concentrations.

SECTION 6: HEALTH HAZARDS

Acute:

Chronic: N/A

Signs and Symptoms of Exposure and Medical Conditions Generally Aggravated by Exposure: Inhalation: Harmful - causes general tissue damage. Eyes: Causes eye burns and can cause permanent eye damage. Skin: Causes general tissue damage and allergic reaction. Ingestion: swallowing 50 gm or more daily may cause laxative effect. However, effects from single doses of aqueous formaldehyde solutions include severe irritation of mucosal surfaces. Repeated doses produced decreased body weight in rats. Tests in some animals demonstrated carcinogenic activity. Formaldehyde shows mutagenic activity in bacterial and mammalian cell culture test systems, but is generally negative in whole animal systems.

Chemical Listed as Carcinogen or Potential Carcinogen: Formaldehyde- Potential Cancer Hazard

National Toxicology Program: Yes

I.A.R.C. Monographs: Yes

OSHA: Yes

Emergency and First Aid Procedures:

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call 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 Physician. Wash clothing before reuse.

Eye Contact: In case of eye contact, immediately flush skin with plenty of water for at least 30 minutes.

Ingestion: CALL A PHYSICIAN. If swallowed, give two glasses of water and induce vomiting. Following this, give activated charcoal slurry [To prepare activated charcoal slurry: suspend 50 grams of activated charcoal in 400 ml of water in a bottle and shake well. Give 5ml/Kg of body weight, or 350 ml for an average adult.]

SECTION 7: FIRE & EXPLOSION DATA

Flash Point: >300 Method Used: COC

Flammable Limits in Air % by Volume: LEL N/A; UEL N/A

Auto-Ignition Temperature: N/A

Extinguisher Media: Use water spray, dry chemical or CO2.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Use water spray to cool nearby containers and structures exposed to fire, and to also absorb escaping fumes. Evacuate affected area. Stay upwind and avoid contact with smoke and fumes. If contact cannot be avoided, wear personal protective equipment including splash goggles and air mask with breathing air supply. Run off from fire control may cause pollution.

Unusual Fire and Explosive Hazards: none.

SECTION 8: SPECIAL PRECAUTIONS WITH SPILL AND LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Store in tightly sealed containers in cool dry area.

Other Precautions: None

Steps to be Taken in Case Material is Released or Spilled: Soak up solution, place in approved container. Note: Review Fire and Explosive Hazards before proceeding with clean up. Use appropriate Federal Protection Equipment during clean up.

Waste disposal Methods (Consult federal, state, and local regulations): Place products used in clean up in approved containers. Check with local authorities.

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SECTION 9: HAZARDOUS CLASSIFICATIONS AND ADDITIONAL INFORMATION

Acute: Yes **Chronic:** Yes **Fire:** Yes **Reactivity:** No **Pressure:** No

LISTS: Formaldehyde is listed under Extremely Hazardous Substance, CERCLA Hazardous Material, and Toxic Chemical.

CANADIAN WHMIS Classification: B-3, D-19, D-2A, D-2B

Review the OSHA Formaldehyde standard (29 CFR 1910.1048) for worker training, workplace monitoring and medical surveillance requirements. Formaldehyde (gas) is a chemical known to the state of California to cause cancer.

SECTION 10: DISCLAIMER

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