

MATERIAL SAFETY DATA SHEET



HYDRAFINE™ 90

REVISION NUMBER: 1.1

REVISION DATE: 30/Jun/2008

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HYDRAFINE™ 90

MANUFACTURER: KaMin LLC
822 Huber Road
Macon, GA 31217
Tel: 478-745-4751

EMERGENCY TELEPHONE: CHEMTREC: 800-424-9300 or 703-527-3887 International

INTERNET: www.kaminllc.com

2. HAZARDS IDENTIFICATION

EYE IRRITATION: Non-irritating.

SKIN IRRITATION: Non-irritating.

INHALATION: Dust may irritate the respiratory system.

INGESTION: May cause discomfort if swallowed.

CHRONIC TOXICITY: No evidence of mutagenic, reproductive or carcinogenic effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT(S)	CAS NUMBER	%W/W
Kaolin	1332-58-7	100

4. FIRST AID MEASURES

EYE CONTACT: Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.

SKIN CONTACT: Wash skin with soap and water.

INGESTION: Rinse mouth with water. Do not induce vomiting.

INHALATION: Remove person to fresh air.

GENERAL ADVICE: In case of doubt or when symptoms persist, seek medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: All extinguishing media can be used. Use suitable media appropriate for the surrounding fire.

INAPPROPRIATE EXTINGUISHING MEDIA: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

PROTECTIVE MEASURES: Use protective equipment appropriate for surrounding materials.

FLASH POINT: Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid dust formation. In case of exposure to high levels of airborne dust, wear a personal respirator in compliance with national legislation.

ENVIRONMENTAL PRECAUTIONS: This product does not present any particular risk to the environment. Refer to applicable national, state and local regulations prior to washing in drain.

CLEAN UP METHODS: Collect mechanically and or by flushing with water. Avoid dry sweeping. Use water spraying or ventilated vacuum system to prevent dust formation.

7. HANDLING AND STORAGE

HANDLING: Avoid dust formation. Provide appropriate exhaust ventilation in places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

STORAGE: Store in a dry area. Keep containers closed and protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES:

COMPONENT(S)	CAN - Alberta - TWA	CAN - British Columbia - TWA	British Columbia OEL Notes
Kaolin	2 mg/m ³	2 mg/m ³	bco14
Respirable dust	3 mg/m ³	3 mg/m ³	Lung
Total dust	10 mg/m ³	10 mg/m ³	

ENGINEERING CONTROLS: Use mechanical ventilation (dilution and local exhaust) to control exposure.

EYE PROTECTION: Safety glasses with side shields.

SKIN AND BODY PROTECTION: Use suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential.

HAND PROTECTION: Impervious gloves chemical resistant.

RESPIRATORY PROTECTION: In case of exposure to high levels of airborne dust, wear a respirator in compliance with national legislation.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

ENVIRONMENTAL EXPOSURE: This product does not present any particular risk for the environment. Refer to applicable national, state and local regulations prior to washing in drain.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Powder

ODOUR: Odourless.

pH: 6-8 , 5% water suspension

FLASH POINT: Non-combustible.

DENSITY: 2,6 g/cm³, 20°C

WATER SOLUBILITY: Slightly Soluble

DECOMPOSITION TEMPERATURE: 1799° C

10. STABILITY AND REACTIVITY

STABILITY: Stable under ambient temperature (21°C) and pressure (760 mm Hg).

CONDITIONS TO AVOID: None

MATERIALS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LD50 Oral (rat) > 5000 mg/kg LD50 Dermal (rat) > 5000 mg/kg

EYE IRRITATION: Non-irritating.

SKIN IRRITATION: Non-irritating.

INHALATION: Dust may irritate the respiratory system.

INGESTION: May cause discomfort if swallowed.

SENSITIZATION: Does not cause sensitization.

CHRONIC TOXICITY: No evidence of mutagenic, reproductive or carcinogenic effects.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.

MOBILITY: Inert material.

PERSISTENCE / DEGRABILITY: Non-degradable

BIOACUMULATIVE POTENTIAL: Inert Material

OTHER ADVERSE EFFECTS: None known.

