

MATERIAL SAFETY DATA SHEET

NCA

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.
60 Rear Newhall Street
Lowell, Ma. 01852

PRODUCT NAME: NCA
GENERAL ID : NON-CHLORIDE MORTAR
ACCELERATOR

Emergency Phone (Chemtrec) 1-800-424-9300
Informational Phone (Umaco) 1-978-453-8881
Date Prepared: 2 / 3/ 06

2. HAZARDOUS INGREDIENTS/ IDENTITY- SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Non-Hazardous

Hazardous Components	Osha/Pel	Acgih	Other	%
CAS #	Ingredient	TLV	Limits	
544-17-2	Calcium Diformate	n/a	LC50/ LD50 2560 mg/kg (rat)	by weight >90

3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: yes Eye: yes Ingestion: yes

Health Hazards (Acute and Chronic):

Acute: Risk of serious damage to the eyes

Chronic: There are no other known chronic effects associated with this material.

Ingestion: n.e. Inhalation: May cause irritation to the respiratory tract. Skin and Eyes: May cause irritation to the skin and eyes

Carcinogenicity: NTP: No IARC MONOGRAPHS no OSHA REGULATED No

Signs and Symptoms of Exposure: Irritation to the eyes and upper respiratory system.

Medical Conditions Generally Aggravated by Exposure:

None known

4. EMERGENCY FIRST AID PROCEDURES

Eyes: Check for and remove any contact lenses. Flush with clean water for at least 15 minutes keeping eye lids open.

Seek immediate medical attention

Skin: Immediately flush skin with plenty of water. Remove contaminated clothes and shoes.

If irritation persists Seek immediate medical attention.

Inhalation: Remove victim to fresh air away from contamination. Seek immediate medical attention.

Ingestion: Have victim drink water. If large quantities are swallowed Seek immediate medical attention.

Should vomiting occur be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs.

5. FIRE FIGHTING MEASURES

Flash point None Non-Flammable
Method Used n/a

Flammable Limits LEL n/a
UEL n/a

Extinguishing Media: Small Fires: Use DRY chemical powder. Large fires: Use water spray or foam. DO NOT use water jet.

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: none

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with skin and eyes. Do not breath dust. Use a nuisance dust mask or NIOSH approved respirator in dusty environments. May be salvaged for use if not contaminated or remove as a common waste.

7. HANDLING AND STORAGE:

Ventilation is normally required when handling or using this product. Store in a tightly closed container. Keep material from getting wet. Avoid breathing dust. When handling do not eat, drink or smoke. Avoid contact with the skin and eyes. Take precautionary measures against electrostatic discharges.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

In a dusty environment use a nuisance dust mask or NIOSH approved respirators. Safety goggles will protect the eyes. Wash thoroughly after handling.

Ventilation: Local exhaust ventilation as needed

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling point n/a Vapor Pressure (mmHG) n/a Vapor Density n/a Melting Point >380 Deg C

Evaporation Rate (Butyl Acetate = 1) n/a Solubility in Water 100% Appearance and Odor Off white & odorless

10. STABILITY & REACTIVITY

Stability: Unstable Stable X Hazardous Polymerization: Will not occur

Conditions to Avoid: Keep material from getting wet

Incompatibility: none known

Hazardous Decomposition: n/a

11. TOXICOLOGICAL INFORMATION

Eye Contact: Risk of serious damage to eyes. Acute Toxicity: ORAL (LD50): 2560mg/kg (Rat) Skin Irritation:

Non-irritant for skin. Eye Irritation: Irritating to the eyes. Mutagenic effects: Ames Test: Negative

12. ECOLOGICAL INFORMATION

This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

In accordance to latest Federal, State and Local environmental regulations

disposal

14. TRANSPORTATION INFORMATION

Non Hazardous. Not a DOT controlled material

15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.120

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

16. OTHER INFORMATION / SAFETY PHRASES

KEEP OUT OF THE REACH OF CHILDREN.

Read all instructions before using this product.

Use NIOSH or MSHA approved respirator in dust environments.

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