



Accelerating Agent

SECTION 1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: Alchemco ACR[®] Accelerating Agent

Other MEANS OF IDENTIFICATION: ACR Accelerating Agent Concentrate

PRODUCT CODE: ACRD - AAC005
ACRD - AAC055

PRODUCT TYPE: Calcium Acetate, Lab Grade

IDENTIFIED USES: Enhancing Catalyzer

SUPPLIER / MANUFACTURER: Alchemco, A division of MBC North America, Inc
3532 Mayland Court, Henrico, VA 23233
800-610-2895

EMERGENCY TELEPHONE NUMBER WITH HOURS OF OPERATION 800-610-2895 24 hours

SECTION 2. HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS: N/A; Not a dangerous substance according to GHS classification criteria

COMBUSTIBLE DUST HAZARD: May form combustible dust concentration in air (during processing)

PRECAUTIONARY STATEMENTS

PREVENTION: P261: Avoid breathing dust
P262: Do not get in eyes, on skin, or on clothing
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305, P351, P338: If in eyes, flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
P302, P352: If on skin, flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

RESPONSE: P301: If swallowed and victim is conscious and alert, give 2-4 cupfuls of water or milk. Get medical aid if irritation persists or you feel unwell.
P304, P340: If inhaled, remove person to fresh air and keep comfortable for breathing.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE: Calcium Acetate Monohydrate

CAS NUMBER/OTHER IDENTIFIERS CAS # 5743-26-0

INGREDIENT	CAS #	%
Calcium Acetate Monohydrate	5743-26-0	100%

Accelerating Agent

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES

- EYE CONTACT:** Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Get medical aid.
- INHALATION:** Loosen clothing as necessary and place individual in a comfortable position. Move exposed to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration. Get medical assistance if cough or other symptoms appear.
- SKIN CONTACT:** Wash affected area with soap and water. Remove any contaminated clothing and shoes.
- INGESTION:** Do not induce vomiting. If victim is conscious and alert give 2-4 cupfuls of milk or water. Seek medical attention if irritation persists or if concerned.

MOST IMPORTANT SYMPTOMS, EFFECTS, ACUTE AND DELAYED POTENTIAL ACUTE HEALTH EFFECTS

- GENERAL:** Shortness of breath, irritation. Nausea. Headache.
- EYE CONTACT:** Mechanical irritation.
- INHALATION:** Respiratory tract irritation.
- SKIN CONTACT:** Skin irritation.
- INGESTION:** Ingestion of large amounts may cause gastrointestinal irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

CHRONIC: NA

OVER-EXPOSURE SIGNS/SYMPTOMS

- EYE CONTACT:** NA
- INHALATION:** NA
- SKIN CONTACT:** NA
- INGESTION:** NA

DELAYED EFFECTS FROM LONG TERM EXPOSURE

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

- NOTES PHYSICIAN:** If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.
- SPECIFIC TREATMENTS:** NA
- PROTECTION OF FIRST-AIDERS:** NA

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

- SUITABLE EXTINGUISHING MEDIA:** Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.
- UNSUITABLE EXTINGUISHING MEDIA:** None.
- SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** NA

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.



Accelerating Agent

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: NA

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Avoid contact with skin, eyes, and clothing.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: As in any fire, wear positive pressure self-contained breathing apparatus (MSHA/NIOSH approved or equivalent and fall protective gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: The product is flammable but not readily ignited.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL: Use personal protective equipment. For personal protection, see section 8.

FOR EMERGENCY RESPONDERS: Follow all fire fighting procedures in Section 5.

ENVIRONMENTAL PRECAUTIONS: Prevent from reaching drains, sewer, or waterway.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

SMALL SPILL: Vacuum or sweep up material and place in a suitable disposal container. Avoid generating dust. Always obey local regulations. Follow proper disposal methods. Refer to Section 13. Observe precautions in the protective equipment section.

LARGE SPILL: Same as above.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES: Prevent dust generation. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Wash hands before breaks and immediately after handling the product. Wash hands and exposed skin with soap and water. Avoid contact with skin, eyes, and clothing. Do not eat, drink, smoke or use personal products when handling chemical substances. Keep container tightly closed. Ensure adequate ventilation.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE: NA

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from contact with oxidizing materials. Store away from incompatible materials. Refer to section 5. Store protected from moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

CONTROL PARAMETERS: 5743-26-0, Calcium Acetate Monohydrate, ACGIH TLV: NA; OSHA PEL: NA

OCCUPATIONAL EXPOSURE LIMITS

EXPOSURE GUIDELINES: This product, as supplied, is not known to contain any materials with established occupational exposure limits.

APPROPRIATE ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Normal ventilation is adequate. handle in accordance with good industrial hygiene and safety practice.

ENVIRONMENTAL EXPOSURE CONTROLS: NA

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.

Accelerating Agent

INDIVIDUAL PROTECTION MEASURES

- HYGIENE MEASURES:** Before wearing, wash contaminated clothing. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Wash hands and exposed skin with soap and plenty of water. Keep away from food, beverages and feed sources. Perform routine housekeeping to prevent dust generation.
- EYE/FACE PROTECTION:** Safety glasses with side shields or goggles.
- SKIN AND BODY PROTECTION:** Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation.
- RESPIRATORY PROTECTION:** Not required under normal conditions of use. Normal ventilation is adequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** white
- PHYSICAL STATE:** solid
- ODOR:** None
- ODOR THRESHOLD:** NA
- PH:** 7.6 (0.2M Solution)
- MELTING POINT:** 320°F (160°C)
- BOILING POINT:** NA
- FLASH POINT:** NA
- EVAPORATION RATE:** NA
- FLAMMABILITY (SOLID,GAS):** NA
- LOWER AND UPPER EXPLOSIVE:** non explosive
- VAPOR PRESSURE:** NA
- VAPOR DENSITY:** NA
- SPECIFIC GRAVITY/ DENSITY:** 1.50 (WATER = 1.0)
- SOLUBILITY:** Partly Soluble in water. 44% at 32°F (0°C)
- PARTITION COEFFICIENT N-OCTANOL/WATER:** NA
- AUTO-IGNITION TEMPERATURE:** NA
- DECOMPOSITION TEMPERATURE:** >320°F (160°C)
- VISCOSITY:** a. Kinematic: NA
b. Dynamic: NA
- VOLATILITY:** NA
- MOLECULAR WEIGHT:** 176.133 g/mol

SECTION 10. STABILITY AND REACTIVITY

- REACTIVITY:** Not reactive under normal conditions.
- CHEMICAL STABILITY:** Stable under recommended storage conditions.
- POSSIBILITY OF HAZARDOUS REACTIONS:** None under normal processing.
- CONDITIONS TO AVOID:** Exposure to moist air or water. Incompatible materials such as strong oxidants.
- INCOMPATIBLE MATERIALS:** Moisture. Strong oxidizing agents.

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.



Accelerating Agent

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION: NA

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

CHEMICAL	ROUTE	ATE VALUE
Calcium Acetate	Oral LD50	4,280 (Rat)

IRRITATION/CORROSION

SENSITIZATION: No additional information.
CLASSIFICATION: Not classified as irritating for eyes or skin.
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): No additional information.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): No additional information.
ASPIRATION HAZARD: No additional information.
INFORMATION ON THE LIKELY ROUTES OF EXPOSURE: No additional information.

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT: May cause mild irritation.
INHALATION: Exposure to dust at high concentrations may cause irritation of the mucous membranes. May cause irritation of respiratory tract.
SKIN CONTACT: may cause mild irritation.
INGESTION: No additional information.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

EYE CONTACT: See section 4 of this SDS for symptoms.
INHALATION: See section 4 of this SDS for symptoms.
SKIN CONTACT: See section 4 of this SDS for symptoms.
INGESTION: See section 4 of this SDS for symptoms.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONGER TERM EXPOSURE

SHORT TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: No additional information.
POTENTIAL DELAYED EFFECTS: No additional information.

LONG TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: No additional information.
POTENTIAL DELAYED EFFECTS: No additional information.

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL: No additional information.
CARCINOGENICITY: No additional information.
MUTAGENICITY: No additional information.
TERATOGENICITY: No additional information.

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.



Accelerating Agent

DEVELOPMENTAL EFFECTS: No additional information.

FERTILITY EFFECTS: No additional information.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY

NA. This chemical is expected to have a high biological oxygen demand and may cause oxygen depletion in aquatic systems. It is expected to have a low potential to affect aquatic organisms and secondary waste treatment microorganisms.

PERSISTENCE AND DEGRADABILITY: NA

BIOACCUMULATIVE POTENTIAL: NA

**MOBILITY IN SOIL
SOIL/WATER PARTITION COEFFICIENT (K_{oc}):** NA

RESULTS OF PBT AND vPvB ASSESSMENT: NA

OTHER ADVERSE EFFECTS: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. TRANSPORTATION INFORMATION

U.S. DOT (Domestic Surface)

	DOT	IMDG	IATA
UN Number	Not regulated.	Not regulated.	Not regulated.
UN Proper Shipping Name			
Transport Hazard Class(es)			
Packing Group			
Environmental Hazards			
Additional Information			

NOTE: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

SECTION 15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

U.S. FEDERAL REGULATIONS: NA

TSCA (TOXIC SUBSTANCE CONTROL ACT): 5743-26-0 None of the chemicals in this material have a SNUR under TSCA.

RCRA (HAZARDOUS WASTE CODE): None of the ingredients is listed.

CERCLA: None of the ingredients is listed.

**CLEAN AIR ACT SETION 112(B) HAZARDOUS
AIR POLLUTANTS** NA

**CLEAN AIR ACT SECTION 602
CLASS I SUBSTANCE:** NA

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.



Accelerating Agent

CLEAN AIR ACT SECTION 602
CLASS II SUBSTANCES: NA

DEA LIST I CHEMICALS
(PRECURSOR CHEMICALS): NA

SARA 311/312

COMPOSITION/INFORMATION
ON INGREDIENTS: None of the ingredients is listed.

SARA 313

COMPOSITION/INFORMATION
ON INGREDIENTS: None of the ingredients is listed.

STATE REGULATIONS

CALIFORNIA PROP. 65 None of the ingredients is listed.

MA, NY, NJ, PN: NA

SECTION 16. OTHER INFORMATION

WHMIS HAZARD CLASSIFICATION

HMIS HAZARD CLASSIFICATION: NA

NFPA HAZARD CLASSIFICATION: NA

HISTORY

DATE OF ISSUE MM/DD/YYYY: 04/29/2019

VERSION: 1

PREPARED BY:

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
KEY ABBREVIATIONS: IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,
1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

© Copyright February 2019. All rights reserved. Alchemco, ACR, TechCrete, CretePro and GraffitiBlok are registered trademarks of MBC North America, Inc.