

SAFETY DATA SHEET

Arm & Hammer Moisture Absorbers

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Revision: 11/06/2019
Supersedes Revision: 10/23/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Arm & Hammer Moisture Absorbers	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact:	3E 24 Hour Emergency Contact	(800)451-8346
Information:	W.M. Barr Customer Service	(800)398-3892
Intended Use:	To absorb excess moisture from the air.	
Product Code:	FGAH14, FGAH14R, FGAH14RCB, FGAH14R3, FGAH14W, FG14AHCBW, FGAH28, FGAH28CB, FGAH32, FGAH1432LWS, FGAH32CB, FGAH32CBP, FGAH32CBW, FGAH32P, FGAH33, FGAH33CB, FGAMAH142, FGAMAH14R2	

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A**Acute Toxicity: Oral, Category 4****Skin Corrosion/Irritation, Category 2****GHS Signal Word:****Warning****GHS Hazard Phrases:**H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.**GHS Precautionary Phrases:**P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.**GHS Response Phrases:**P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment see label.
P330: Rinse mouth.
P332+313: If skin irritation occurs, get medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.**GHS Storage and Disposal Phrases:**

P501: Dispose of contents/container according to local, state and federal regulations.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

ACUTE INHALATION, SKIN CONTACT, EYE CONTACT: May cause irritation.

INGESTION: Harmful if swallowed.

CHRONIC EFFECTS: Chronic exposures to calcium chloride that cause irritation may cause a chronic dermatitis or mucosal membrane problem.

For the minor component(s): POTASSIUM CHLORIDE: In animals, effects have been reported on the following organs after ingestion: Gastrointestinal tract, heart, and kidney. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use. SODIUM CHLORIDE: Medical experience with sodium chloride has shown a strong association between elevated blood pressure and prolonged dietary overuse. Related effects could occur in the

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kidneys.

Target Organs: Stomach, Upper Respiratory Tract

Primary Routes of Entry: Ingestion, Inhalation

Medical Conditions Generally Aggravated By Exposure:

Any skin condition that disrupts the skin, such as abrasions, cuts, psoriasis, fungal infections, etc. Any upper respiratory conditions that compromise mucosa can increase local damage from dust contact. Any eye condition that compromises tear production, conjunctiva, or normal corneal homeostasis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
10043-52-4	Calcium chloride	65.0 -85.0 %
7647-14-5	Sodium chloride	1.0 -5.0 %
7447-40-7	Potassium chloride	0.5 -1.5 %

Additional Chemical Information Specific concentration may vary.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION: Remove from exposure area to fresh air.

SKIN CONTACT: Remove contaminated clothing and shoes. Wash affected area with soap or mild detergent. Seek medical attention if irritation persists.

EYE CONTACT: Flush eyes with large amounts of water for at least 15 minutes. Get medical attention.

INGESTION: Get medical attention.

Signs and Symptoms Of Exposure:

Acute Symptoms/Effects: Listed below.

Inhalation (Breathing): Inhaling dust may cause irritation to upper respiratory tract (nose and throat). Nasal mucosal and oropharyngeal erythema.

Skin: Skin Irritation. Direct abrasion of skin from solid, erythema and burn from reaction with water. Prolonged contact and occlusion may cause more severe symptoms. Damage is localized to contact areas.

Eye: Eye Irritation. Direct abrasion of cornea from solid, erythema and burn from reaction with water, conjunctival swelling and cornea opacification from hypertonic solution and heat. Corneal eye pain, redness, acute corneal thickening or whitening.

Ingestion (Swallowing): Consumption of solids or hypertonic solutions causes nausea, vomiting, and increased thirst.

Delayed Symptoms/Effects:

- Chronic exposures to skin and mucus membranes that cause irritation may cause a chronic dermatitis or mucosal membrane problem

Note to Physician:

Due to irritant properties, resulting from heat created as solid material dissolves in water, swallowing may result in burns/ulceration of mucus membranes. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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5. FIRE FIGHTING MEASURES

	Not flammable or combustible.
Flash Pt:	N.D.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	N.D.
Suitable Extinguishing Media:	Non-combustible liquid - use extinguishing media for underlying cause of fire.
Unsuitable Extinguishing Media:	None known.
Fire Fighting Instructions:	Negligible fire hazard when exposed to heat or flame. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish fire using agent suitable for type of surrounding fire and/or chemicals. Do not sure water directly on the material. Avoid breathing corrosive vapors; keep upwind. Dike area to prevent runoff and contamination of water sources.
Flammable Properties and Hazards:	Negligible fire hazard when exposed to heat or flame.
Hazardous Combustion Products:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Wear appropriate protective gear for the situation. Prevent skin and eye contact. For dry spills, place material in covered, clean dry container for disposal.
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Observe all federal, state and local regulations when storing this product.
Precautions To Be Taken in Storing:	Keep in clean tightly closed dry containers. Store away from incompatible materials.
Other Precautions:	None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Equipment (Specify Type):	Use of a NIOSH approved respirator should be based on contamination levels in the workplace or situation. When warranted, use a face mask particulate respirator with a NIOSH N95 rating.
Eye Protection:	Wear safety glasses with splash shields or safety goggles/shield.
Protective Gloves:	Wear appropriate protective gloves to prevent skin contact.
Other Protective Clothing:	Wear appropriate protective (impervious) clothing and equipment.
Engineering Controls (Ventilation etc.):	Provide local exhaust ventilation.
Work/Hygienic/Maintenance Practices:	A source of clean water should be available in the work area for flushing of the eyes and skin. Wash hands thoroughly after use. Do not eat, drink, or smoke in the work area. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[] Liquid	[X] Solid
Appearance and Odor:	Odorless, white to off-white pellets or flakes.		
pH:	N.D.		
Melting Point:	369.00 F - 1420.00 F		
Boiling Point:	350.00 F - 3500.00 F		
Flash Pt:	N.D.		
Evaporation Rate:	N.D.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	N.D.		
Vapor Density (vs. Air = 1):	N.D.		
Specific Gravity (Water = 1):	2.15	at 77.0 F	
Density:	15.4 LB/GL	at 22.0 C	
Solubility in Water:	40 %	at 68.0 F	
Octanol/Water Partition Coefficient:	ND		
Autoignition Pt:	N.D.		
Decomposition Temperature:	No data.		
Viscosity:	N.D.		
Additional Physical Information	ND = Not Determined.		

10. STABILITY AND REACTIVITY

Stability:	Unstable []	Stable [X]
Conditions To Avoid - Instability:	Reacts exothermically with water.	
Incompatibility - Materials To Avoid:	Strong oxidizing agents.	
Hazardous Decomposition or Byproducts:	None, under normal temperature and pressures.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.	

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11. TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 2 for acute and chronic effects.

Chronic Toxicological Effects:

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
10043-52-4	Calcium chloride	n.a.	n.a.	n.a.	n.a.
7647-14-5	Sodium chloride	n.a.	n.a.	n.a.	n.a.
7447-40-7	Potassium chloride	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated by DOT

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
10043-52-4	Calcium chloride	No	No	No
7647-14-5	Sodium chloride	No	No	No
7447-40-7	Potassium chloride	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
10043-52-4	Calcium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7647-14-5	Sodium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7447-40-7	Potassium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

Additional Regulatory Information

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

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16. OTHER INFORMATION

Revision Date: 11/06/2019

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About No data available.
This Product:

Company Policy or Disclaimer: The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.