MATERIAL SAFETY DATA SHEET
Kerr-McGee Pigments (Savannah) Inc.

For more detailed information on the hazards of this product, contact Chemical Safety and Health Department or Medical Services Department at the address below. Technical Information Bulletin is also available.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Brand Name........................................Gypsum
Chemical Name...............................Calcium sulfate dihydrate
Common Name.................................Gypsum
Formula........................................CaSO₄ • 2H₂O
Molecular Weight...........................172.14
Product Use................................Manufacture of gypsum board; cement additive.
Product Identification Number..............N/A

MANUFACTURER
Kerr-McGee Pigments (Savannah) Inc.
Kerr-McGee Center
Oklahoma City, OK 73125

EMERGENCY TELEPHONE NUMBER
(405) 270-1313 (24 hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium (II) sulfate dihydrate</td>
<td>10101-41-4</td>
<td>70-80</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>1317-65-3</td>
<td>0-5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Balance</td>
</tr>
</tbody>
</table>

See Section 15 of this MSDS for OSHA Regulatory Status

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White to tan crystalline solid. High concentrations of dust may cause coughing and mild, temporary irritation.

Will not burn, but may be involved in a fire with other materials. In case of fire, use extinguishing media suitable for the material that is burning.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY
Inhalation (breathing) of airborne dust.

SYMPTOMS OF EXPOSURE
Inhalation: Coughing, sneezing, or irritation of the lungs; difficulty in breathing.
Eye contact: May cause irritation as a “foreign object.”

Skin contact: Prolonged exposure may be irritating.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Breathing or respiratory tract disease or disorder would be aggravated by exposure to the dust from this product.

REPORTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

☒ Not Applicable ☐ National Toxicology Program (NTP) ☐ OSHA ☐ International Agency for Research on Cancer (IARC)

4. FIRST AID MEASURES

Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Eye contact: Rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops or persists.

Skin contact: Washing of exposed skin after use is recommended to reduce general chemical contact.

Ingestion: Rinse mouth if necessary. Seek medical assistance if necessary.

NOTE TO PHYSICIAN
Chemicals of exposure are Calcium carbonate and Calcium sulfate dihydrate.

5. FIRE FIGHTING MEASURES

Flash Point and Method............N/A

GENERAL HAZARD
This product is not flammable, but may become involved in a fire with other materials.

EXTINGUISHING MEDIA
Use media suitable for the material that is burning.

FIREFIGHTING EQUIPMENT
As for any fire, wear NIOSH approved, positive-pressure, self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment (See Section 8).

ON LAND
Prevent spread of material and keep dust level down as much as possible. Scoop up material and all contaminated soil for later disposal.
IN WATER
Use vacuum techniques and containment devices to prevent spread and remove material from water source for
later disposal.

7. HANDLING AND STORAGE
Wear appropriate protective equipment (See Section 8). Avoid creating or breathing dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS
Provide local exhaust ventilation system to meet exposure limits.

PERSONAL PROTECTION
Respirator: In operations where dusts are generated, use a NIOSH approved respirator that has been
selected by a technically qualified person for the specific work conditions. If respirators are
used, OSHA requires compliance with its respiratory protection program.

Eye Protection: Wear safety glasses or vented safety goggles.
Gloves: Ordinary work type.
Clothing: Wear easily washable clothing. Wash clothing after each shift.
Other: Emergency eye wash and shower.
General: Do not eat, drink, or smoke in work area. Practice good personal hygiene after using this
material, especially before eating, drinking, smoking, using toilet facilities or applying
cosmetics.

EXPOSURE CONTROLS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>STEL</td>
</tr>
<tr>
<td>Calcium sulfate</td>
<td>15 mg/m³</td>
<td>N/E</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>15 mg/m³</td>
<td>N/E</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

State ................................. Solid
Color .................................. White to tan crystalline solid
Odor................................... None
Melting Point °C .................. N/A; loses water of hydration @ 325°C
Boiling Point °C ..................... N/A
Bulk Density, lb/cu. Ft........ 145
Specific Gravity @ 4 °C ......... 2.32
Water Solubility .................. 0.233% by wt. @ 25°C
pH ..................................... ~ 6.5 (as slurry)
% Volatiles......................... N/A
10. STABILITY AND REACTIVITY

REACTIVITY
Stable at room temperature in closed containers under normal storage and handling conditions.

INCOMPATIBILITIES
None in normal or expected use.

HAZARDOUS DECOMPOSITION PRODUCTS
None in normal or expected use.

CONDITIONS TO AVOID
None known.

11. TOXICOLOGICAL INFORMATION

Gypsum: LD₅₀ (oral, rat) ......6450 mg/kg

12. ECOLOGICAL INFORMATION

No relevant data available.

13. DISPOSAL CONSIDERATIONS

RCRA Waste Code: ......Not regulated. Dispose of in an approved industrial or hazardous waste landfill. Observe all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Hazard Class .................Not regulated
TDG Hazard Class .................Not regulated

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

✓ Hazardous  Non-Hazardous

CERCLA/SUPERFUND (40 CFR 117, 302)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RQ (lbs)/(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TPQ (lbs)</th>
<th>RQ (lbs)</th>
</tr>
</thead>
</table>
SARA HAZARD CATEGORIES (40 CFR 370)

✓ Acute  _ Chronic  _ Fire  _ Pressure  _ Reactive  _ None

SARA TOXIC CHEMICALS (40 CFR 372)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR Section (33))

This product has been classified according to the hazard criteria of the Controlled Products Regulations, and the MSDS contains all required information.

_ Controlled Product; Classification: ✓ Not a Controlled Product

INVENTORY STATUS

The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic and Non-Domestic Substances List.

TOXIC SUBSTANCES CONTROL ACT

No specific regulations apply

STATE REGULATIONS

Massachusetts Right to Know List................Calcium carbonate
Minnesota Hazardous Substance List...........Calcium carbonate, Gypsum
Pennsylvania Right to Know list..............Calcium carbonate
Rhode Island Hazardous Substance List......Calcium carbonate, Gypsum

16. OTHER INFORMATION

ABBREVIATIONS

C - Ceiling limit
CPR- Controlled Products Regulations
LC10 - Lowest concentration of a substance in air that will kill a test animal within a certain exposure period.
LC50 - Concentration of a substance in air that will kill 50% of test animals within a certain exposure period.
LD50 - Dose that causes death in 50% of test animals.
N/A - Not applicable
N/D - Not determined
N/E - Not established
N/K - Not known
NAERG - North American Emergency Response Guidebook
RQ - Reportable Quantity
TPQ - Threshold Planning Quantity

PREPARATION INFORMATION

Prepared by........................Chemical Safety and Health Department
MSDS No. ...................S-3009
Date Prepared..................September 15, 2000