

# MATERIAL SAFETY DATA SHEET



Emergency Phone: 800-992-5994  
Dow AgroSciences LLC

**GALLERY\* 75 DRY FLOWABLE HERBICIDE**

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Emergency Phone: 800-992-5994  
Dow AgroSciences LLC  
Indianapolis, IN 46268

## GALLERY\* 75 DRY FLOWABLE HERBICIDE

Effective Date: 8/5/03  
Product Code: 20116  
MSDS: 003994

### 5. FIRE FIGHTING MEASURES:

**FLASH POINT:** Not applicable  
**METHOD USED:** Not applicable

#### FLAMMABLE LIMITS

LFL: 0.665 oz/cu ft  
UFL: Not applicable

**AUTO-IGNITION TEMPERATURE:** 778°F to 788°F,  
(415°C to 420°C)

**EXTINGUISHING MEDIA:** Use water, CO<sub>2</sub> or dry  
chemicals.

**FIRE AND EXPLOSION HAZARDS:** Will emit toxic vapors  
as it burns.

**FIRE-FIGHTING EQUIPMENT:** Wear full protective  
clothing and use positive-pressure, self-contained breathing  
apparatus.

### 6. ACCIDENTAL RELEASE MEASURES:

**ACTION TO TAKE FOR SPILLS:** Contain and sweep up  
material of small spills and dispose as waste. Report large  
spills to Dow AgroSciences at 800-992-5994. Prevent  
runoff.

### 7. HANDLING AND STORAGE:

**PRECAUTIONS TO BE TAKEN IN HANDLING AND  
STORAGE:** Keep out of reach of children. Causes eye  
irritation. Harmful if inhaled. Avoid ingestion, breathing dust  
or spray mist, and contact with skin, eyes, or clothing. Store  
in original container. Do not store in direct sunlight. Do not  
store at temperatures above 120°F. Users should wash  
hands before eating, drinking, chewing gum, using tobacco,  
or using the toilet.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where the  
potential for exposure exists. Emergency conditions may  
require additional precautions.

#### EXPOSURE GUIDELINE(S):

Kaolinite: ACGIH TLV is 2 mg/M<sup>3</sup> respirable, A4, for Kaolin.  
OSHA PEL is 15 mg/M<sup>3</sup> total dust, 5 mg/M<sup>3</sup> respirable for  
Kaolin.

Silica, crystalline: ACGIH TLV is 0.1 mg/M<sup>3</sup> (respirable) for  
tripoli and fused silica; 0.05 mg/M<sup>3</sup> (respirable) for  
cristobalite, tridymite, and quartz. Quartz has an A2  
designation. OSHA PEL is (30 mg/M<sup>3</sup>)/(%SiO<sub>2</sub>+2) total  
dust, (250 mppcf)/(%SiO<sub>2</sub>+5) or (10 mg/M<sup>3</sup>)/(%SiO<sub>2</sub>+2)  
respirable for quartz, tripoli, and fused silica; the value for  
cristobalite and tridymite is 1/2 the value calculated for the  
respirable dust formula for quartz.

**ENGINEERING CONTROLS:** Provide general and/or local  
exhaust ventilation to control airborne levels below the  
exposure guidelines.

### RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS:

**RESPIRATORY PROTECTION:** Atmospheric levels should  
be maintained below the exposure guidelines. When  
respiratory protection is required for certain operations, use  
a NIOSH approved air-purifying respirator. In dusty  
atmospheres, use a NIOSH approved particulate respirator.

**SKIN PROTECTION:** Use gloves chemically resistant to  
this material when prolonged or frequently repeated contact  
could occur.

**EYE PROTECTION:** Use chemical goggles.

**APPLICATORS AND ALL OTHER HANDLERS:** Refer to  
the product label for personal protective clothing and  
equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

**BOILING POINT:** Not applicable  
**VAPOR PRESSURE:** Not applicable  
**VAPOR DENSITY:** Not applicable  
**SOLUBILITY IN WATER:** Disperses in water  
**SPECIFIC GRAVITY:** Not applicable  
**APPEARANCE:** Light tan water dispersible granule  
**ODOR:** Mild aromatic odor  
**pH:** (aqueous 50/50) 8.5 to 10.0

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**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**STATE RIGHT-TO-KNOW:** The following product components are cited on certain state lists as mentioned. Non-listed components may be shown in the composition section of the MSDS.

CHEMICAL NAME	CAS NUMBER	LIST
Kaolin	001332-58-7	PA1
Silica - crystalline, quartz	014808-60-7	NJ3 PA1

NJ3=New Jersey Workplace Hazardous Substance (present at > or = to 1.0%).

PA1=Pennsylvania Hazardous Substance (present at > or = to 1.0%).

**OSHA HAZARD COMMUNICATION STANDARD:** This