

MATERIAL SAFETY DATA SHEET

IDENTITY: ballfield dry agent

SECTION I

Manufacturer Name:  
Arrow Chemical Corp.  
28 Rider Pl.  
Freeport, N.Y. 11520

Emergency Telephone Number  
516-377-7770  
Telephone For Information  
516-377-7770  
Date Prepared  
October 1999  
Prepared By: Staff

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OTHER		PERCENT	LIMITS	OPTIONAL
	OSHA PEL	ACHIH TLV			
Hydrous Aluminum Silicate CAS# 8031-18-3	5 mg/m <sup>3</sup>	10mg/m <sup>3</sup>			

\*Respirable dust may contain silica, crystalline quartz

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:..... > 1000 deg. F	Specific Gravity.(H2O=1) 2.4
Vapor Pressure(mm Hg).... None	Melting Point.....: None
Vapor Density (water=1).... None	Evaporation Rate.....: None
Solubility in water..... Insoluble	(Butyl Acetate=1)
Appearance and Odor: Gray, tan or reddish tan, granular or powder. Earthy odor when wet.	

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point (Method Used): None    Flammable Limits: NA    LEL:    UEL:  
Extinguishing Media: Not required

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

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Stability Unstable: [ ] Conditions to Avoid: None  
Stable [X]

Incompatibility (materials to avoid): Heat generation may occur when mixed with a polyunsaturated liquid.  
Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: May occur [ ] Will not occur [X]  
Conditions to Avoid: None

## SECTION VI - Health Hazard Data

Route(s) of entry Inhalation? Yes Skin? No Ingestion? No  
Health Hazards(Acute and Chronic): May be harmful if inhaled in sufficient quantities.  
Prolonged exposure may cause a relatively benign lung disease, though there is a risk of the development of massive fibrosis. Repeated and prolonged exposure to respirable crystalline quartz which may be contained in this product, may cause delayed (chronic) lung injury (silicosis).

Carcinogenicity: NTP? No (ARC Monographs)? Yes OSHA Regulated? No

Medical Conditions Generally Aggravated by Exposure: Pulmonary function may be reduced by inhalation of respirable crystalline silica that may be in dust. Lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects.  
Emergency and First Aid Procedures: Eyes - wash with water. If irritation persists, see physician. For gross inhalation - remove person to fresh air, give artificial respiration as needed, seek medical attention as needed.

## SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Use dustless method (vacuum) and place in closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment.

Waste Disposal Method: Dispose in accordance with Federal, state and local ordinances.

Precautions For Storing and Handling: Avoid spills

Other Precautions: None

## SECTION VIII - Control Measures

Respiratory Protection (Specify Type): Any dust respirator for up to 5 x PEL

Ventilation <sup>3</sup> Local Exhaust: Special:  
<sup>3</sup> Mechanical : Other:

Protective Gloves: Optional  
Eye Protection: Protective shield when exposed to dust particles

