



P.O. Box 9877  
 2525 18th Street SW, Suite D  
 Cedar Rapids, Iowa 52409  
 +1-319-377-9421  
 +1-319-377-9101 (Fax)

## White Mag Powder

<b>Section 1 - Identity:</b>		<b>Date of Preparation: 11/02/1998</b>	
<b>Ancolor White</b>		<b>Current Revision: 04/30/15</b>	
<b>Section 2 – Composition / Information on Ingre Dients</b>			
Iron	CAS NO. 7439-89-6	Einecs No 231-096-4	PERCENTAGE 97+
Titanium Oxide	13463-67-7		5.0-10.0
			OSHA PEL (TWA) 5 mg / m <sup>3</sup> * 10 mg / m <sup>3</sup> * as nuisance particulates
<b>Section 3 – Hazards Identification</b>			
Classification	Not applicable		
Most Important Risks	Risk of dust explosion, especially if powder is transported at high speeds in confined spaces.		
<b>Section 4 – First Aid Measures</b>			
Inhalation:	Move person to fresh air; seek medical attention if symptoms occur.		
Skin Protection:	Wash skin with mild detergent and warm water..		
Eye Protection:	Rinse with plenty of lukewarm water. Get medical attention if irritation develops.		
Ingestion:	If person is conscious, give large quantities of water.		
Special First-Aid Equipment:	No special First Aid Equipment needed.		
Information For Doctor:	----		
<b>Section 5 – Fire – Fighting Measures</b>			
Suitable Extinguishing Media	To be selected taking into consideration fires in the vicinity, e.g. water mist, foam, carbon dioxide, powder. Dry chemical or Class D media is recommended.		
Not Suitable Extinguishing Media	Foam with substances harmful to the environment, such as perfluoro-octanesulfonic acid (PFOS) and nononyl ethoxylate [sic]		
Special Exposure Hazards	The product is not flammable. Finely pulverized substances suspended in air can cause dust explosion (AFS 2003:3), but the particle size of this product makes this improbable. The risk increases for very fine particle fraction (<45um).		
Protective Equipment For Fire-Fight	Use self-contained breathing apparatus in the event of a major fire.		
<b>Section 6 – Accidental Release Measures</b>			
Personal Precautions	See point 8.		
Environmental Precautions	Prevent material from entering drains and sewers.		
Methods For Cleaning Up	Spillage should be cleared with vacuum equipment, protected against static electricity, to avoid excess dust.		
Specific Use (s)	----		
<b>Section 7 – Handing and Storage</b>			
Handling	Avoid dusty working conditions Use sufficient dust extraction.		
Storage	Store at dry conditions.		
Preventive Security Measures	No particular.		
Specific Use (s)	----		
<b>Section 8 – Exposure Controls/Personal Protection</b>			
Exposure Limit Values	Dust		
Dust Inorganic	15mg/m3 (as nuisance dust)		
Exposure Controls	Normally not needed. If occupational exposure limit value is suspected to be reached or dust levels are high exposure measurement is recommended.		



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Occupational Exposure Controls	Normal ventilation. Use local exhaust ventilation if dust level is perceived disturbing.
Respiratory Protection	Half-mask with particle filter P2 shall be worn if exposure limit value is suspected to be exceeded or the dust level is perceived disturbing.
Hand Protection	Wear suitable gloves, avoid direct contact with skin.
Eye Protection	Wear dust proof safety glasses. Contact lenses not recommended.
Skin Protection	Normal work suit.
Environmental Exposure Controls	Dust from exhaust ventilation must be separated to avoid exposure to the environment.
<b>Section 9 – Physical and Chemical Properties</b>	
Appearance	Red color fine-grained metal powder.
Odor	Odorless.
Particle Size	----
Solubility In Water	Insoluble
Solubility In ?	Insoluble in organic solvents.
Flash Point	----
Relative Density	2,0-4,0 g/cm3
pH	Not applicable
Boiling Point	----
Melting Point	(Fe) 1535°C
Explosive Properties	----
Ignition Temperature	----
Vapor Pressure	Not applicable
Other Information	Not applicable
<b>Section 10 – Stability and Reactivity</b>	
Conditions To Avoid	Dust formation
Materials To Avoid	Strong oxidizes and strong acids.
Hazardous Decomposition Products	No.
Stability	Stable at normal handling and storage conditions.
<b>Section 11 – Toxicological Information</b>	
General Information	Not applicable.
Inhalation	Inhalation of dust may irritate the respiratory tract, but not enough to be classified as irritating to respiratory system.
Skin Contact	Contact with skin in the long term may cause irritation.
Ingestion	Ingestion may cause indisposition and vomiting.
Eye Contact	Eye-irritation at direct contact, otherwise no harmful effects are known at normal industrial handing.
Toxicology Data, Acute	On product: No data available On ingredients: Iron: oral. rat LD50 30000 mg/kg (Prevent)
Toxic Kinetics	----
Experience On Human	----
Chronicle And Sub-Chronicle Effects	----
Sensibilisation	Not applicable
Carcinogenic Properties	Not applicable
Reproduction Toxic Properties	Not applicable
Mutagenic Properties	Not applicable



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<b>Section 12 – Ecological Information</b>	
General information	---
Acute Tox. Water Living Organisms	No data on the ecological effects of this product have been developed
Chronicle Effects	No data on the ecological effects of this product have been developed
Mobility	---
Persistence And Degradability	Not applicable
Bio-accumulative Potential	BFC: 140000 (Prevent)
Results Of PBT Assessment	Not applicable
<b>Section 13 – Disposal Considerations</b>	
Classified As Hazardous Waste	The product is not classified as hazardous waste as defined under US EPA 40 CFR Part 261
The Packaging Is Taken Care Of	Dispose in safe manner in accordance with local regulations.
Suitable Method For Waste Treatment	Disposal must be in accordance with applicable federal, state and local regulations.
<b>Section 14 – Transport Information</b>	
General Information	UN-nr: not required IMDG-code: not regulated ICAO/IATA: not regulated RID/ADR: not regulated Packing: none allocated Non-dangerous product for transportation by road, sea and air.
Specific Information	---
<b>Section 15 – Regulatory Information</b>	
Personal Protective Equipment	E - Safety glasses , gloves and dust respirator
Specific Markings	---
Specific Limitations	---
Specific Regulatory Information	All components of this product are listed on the Toxic Substance Control Act (TSCA) inventory list. There are no reportable quantities on the Comprehensive Environmental Response Compensation and Liability Act (CERLA) list. Components (s) are listed under various sections of the Clean Water Act and Clean Air Act. Contact your local / state authorities to determine if substance is regulated under their jurisdiction. Superfund Amendments and Reauthorization Act (SARA) title III information: this product may contain toxic chemical (s) subject to reporting requirements of SARA section 313 (40 CFR 372). See section 3 in this MSDS for further information on components.
<b>Section 16 – Other Information</b>	
SDS revised in following points	---
R-phase (s) from dp.3 in full text	---
Training advice	---
Recommended restrictions by supplier	---
Other Information	This Safety Data Sheet has been established in accordance with directive nr 1907/2006/EC. Classification references: Directive 67/548/EEC and Directive 99/45/EEC.