

XI'AN FUNCTION MATERIAL GROUP CO., LTD

Material Safety Data Sheet Magnesium dihydride

1. Product and Company Identification

Trade Name: Magnesium dihydride

Chemical Formula: MgH₂

Manufacturer/Supplier: XI'AN FUNCTION MATERIAL GROUP CO., LTD

Street: No. 69, Gazelle Valley, High-Tech Zone

City: XI'AN
State: Shaanxi
Zip Code: 710077
Country: China

Tel #: +86-29-88993870/+86-13519132051

2. Hazards Identification

Signal Word: Danger





Hazard Statements: H260 In contact with water releases flammable gases which may ignite

spontaneously.

H315 Causes skin irritation. H319 Causes serious eye irritation

Precautionary Statements:

P223 Do not allow contact with water.

P231+P232 Handle and store contents under inert gas/....Protect from

moisture.

P280 Wear protective gloves/protective clothing/eye protection/face

protection/hearing protection/...

P264 Wash ... thoroughly after handling.

P302+P335+P334 IF ON SKIN: Brush off loose particles from skin.

Immerse in cool water [or wrap in wet bandages]. P370+P378 In case of fire: Use ... to extinguish.

P302+P352 IF ON SKIN: Wash with plenty of water/...

HMIS Health Ratings (0-4):

Health: 1 Flammability: 0 Physical: 0

thing is difficult. Rinse
Medical Attention.
ove any contaminated
instant Demonstration
ninutes. Remove contac
g agent for
with full protective
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ment specified in
nd provide
cy particulate
ntainer for disposal.
ner. Store apart from
oroughly before
or skin with
adam adam bata
ation at or below

8. Expos	sure Controls and Personal Protection	
Permissible Exposure Limits:	N/A	
Threshold Limit Value:	N/A	
Special Equipment:	None	
Respiratory Protection:	If the exposure limits are exceeded, irritation or other symptoms are	
	experienced, use a full-face respirator.	
Protective Gloves:	Rubber gloves	
Eye Protection:	Safety glasses or goggles	
Body Protection:	Protective work clothing. Wear close-toed shoes and long sleeves/pants	
9. Phy	rsical and Chemical Characteristics	
Color	N/A	
Form:	Powder, Granules, Pellets, Sputtering target, Custom parts	
Odor:	N/A	
Water Solubility:	N/A	
Boiling Point:	N/A	
Melting Point:	>250 °C	
Flash Point:	N/A	
Autoignition Temperature:	N/A	
Density:	1.45 g/cc	
Molecular weight:	26.32 g/mol	
	10. Reactivity	
Stability:	None	
Reacts With:	None	
Incompatible Conditions:	None	
Hazardous Decomposition Products:	None	
	1. Toxicological Information	
Potential Health Effects:		
Eyes:	May cause irritation	
Skin:	May cause irritation	
Ingestion:	May cause irritation	
Inhalation:	May cause irritation	
Chronic:	N/A	
Signs & Symptoms:	N/A	
Aggravated Medical Conditions:	N/A	
Median Lethal Dose:	N/A	
Carcinogen:	N/A	
	12. Ecological Information	
Aquatic Toxicity:	N/A	
Persistent Bioaccumulation Toxicity:	No	
Very Persistent, Very Bioaccumulative: Notes:	No N/A	
	13. Disposal Considerations	

Dispose of in accordance with local, state, national, and international regulations.

14. Transportation Data

J c ctf qwic J azardous for transportation.



Hazard Class: 4.3 Substances which, in contact with water, emit flammable gases

Packing Group: PG I UN Number: WP 4232"

Proper Shipping Name: OCI PGUKWO" J [FTKFG

15. Regulatory	Information
No	
N/A	
No	
	No N/A

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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