



شركة أبولو لكيمائيات الأبنية

Apollo For Construction Chemicals

MATREIAL SAFETY DATA SHEET (APOLLO ADD GA2)

1-PROUDUCT AND COMPANY IDENTIFICATION

Product Name: Apollo Add GA2.
Chemical Family: Expansive and plasticising grout admixture.
Manufacturer: Apollo For Construction Chemicals
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Date Prepared: 01.07.2023
MSDS Number: Nasa/01/06/18

2- COMPOSITION /INFORMATION ON INGREDIENTS

Composition : Water, modifying agent, microbiocides.

Hazardous Ingredient(s):	Symbol	Risk Phrases	CAS No.	%
Aluminum Powder :	-	R10,15	7429-90-5	<2.0

Refer to Section 8 for Occupational Exposure Limits.

3-HAZARD INFORMATION

Long term inhalation may cause health problems.

4-FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if necessary.

Skin: Remove contaminated clothing immediately. Wash immediately with copious quantities of water. Obtain medical advice if skin disorders develop.

Inhalation: Remove from dust contaminated zone; obtain medical attention for any breathing difficulty.

Ingestion: Wash out mouth with water. Obtain medical attention if large amount were swallowed.



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5-FIRE FIGHTING MEASURES

Flash point (Closed Cup):	None.
Extinguishing media:	Carbon dioxide, powder or foam.
Personal Protective Equipment:	Self-contained breathing apparatus.

6- ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Avoid the creation of dust in atmosphere. Gather into containers.

7- HANDLING AND STORAGE

Handling:	Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.
Storage:	Store in cool and dry area.

8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye contact:	Safety glasses/goggles which can be tightly sealed.
Skin contact:	Protective gloves. Dustproof working clothes.
Respiratory protection:	Approved dust mask.
Engineering controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.
Hygiene measures:	Avoid skin and eye contact.

Exposure limits:

Name	WEL (8 Hours TWA)	
	Total inhalable dust (mg/m ³)	Respirable dust (mg/m ³)
Silica, amorphous	6	2.4



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9-PHYSICAL AND CHEMICAL PROPERTIES

Form:	Fine Powder
Color:	Brown
Odour:	slight faint
PH (concentrate):	Not applicable
Flash Point (Closed up)(°C):	None
Boiling Point (°C):	Not applicable
Autoflammability(°C):	Not determined
Water Solubility:	Can be mixed with water.
Explosive Properties:	Can form explosive dust cloud.

10- STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Any source of ignition.
Chemical incompatibility:	Strong acids. Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition yields Sulphur compounds.

11-TOXICOLOGICAL INFORMATION

Health Effects

On Eyes:	Abrasive material- may cause damage to eyes.
On Skin:	Unlikely to irritate on brief or occasional exposure.
By Inhalation:	May cause irritation.
By Ingestion:	Low order of acute toxicity. May cause nausea, vomiting and diarrhea.
Chronic:	Respirable dust, if inhaled over a prolonged period, constitutes a health hazard. Inhalation of particles of free silica, in the respirable range, can give rise to fibrosis of the lungs.



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12- ECOLOGICAL INFORMATION

Environmental Assessment:	Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.
Mobility:	Insoluble.
Degradability:	Not readily biodegradable.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Not expected to be ecotoxic to fish/daphnia/algae.

13- DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.

Packaging: The method of disposal must be acceptable to the local authority.

14- TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15- REGULATORY INFORMATION

This product is not classified as dangerous for supply.

Risk Phrases:

R10	Flammable.
R15	Contact with water liberates extremely flammable gases.

Safety Phrases:

S22	Do not breathe dust.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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16- OTHER INFORMATION

Issue Date: 20/07/2023

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