



Material SAFETY DATA SHEET

Flo-Add 1

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flo-Add 1**
Description: Expansive and plasticising grout admixture
Manufacturer: **Ayla for Building Materials Industry & Trade**
Al-Karadeh, Arsat Al-Hindia, Baghdad
Tel.: +964 790 1488 730
www.dcp-int.com
Date Prepared: 16.06.08
MSDS Number: DCP/03/01/01

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Silica sands, plasticizers, aluminum powder (stabilized).

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Aluminum powder		R10, 15	7429-90-5	< 1.0

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Long term inhalation may cause health problems.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several 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 if necessary.

Ingestion: Wash out mouth with water. Obtain medical attention. Do not induce vomiting.



5: FIRE FIGHTING MEASURES

Flash Point: 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 in a tightly closed container.

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. Atmospheric levels of dust must be maintained within the Occupational Exposure Standard.
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



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Fine powder
Colour:	Brown
Odour:	Slight/faint
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not determined
Explosive Properties:	Can form explosive dust cloud
Water Solubility:	Can be mixed with water

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.

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 in water.
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.

16: OTHER INFORMATION

Issue Date: 16/06/2008 Revised Date:

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.