

**ADING AD**  
**1000 SKOPJE, R. MAKEDONIJA**  
**Novoselski pat bb**

## MATERIAL SAFETY DATA SHEET

ISSUE 1.0

DATE :11.01.2008

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **FLUIDING-M1M**  
Product use: Plasticizer for use in concrete  
Manufacturer/Supplier: ADING A.D  
Address/telephone no: ADING AD, Novoselski pat bb  
Skopje,R.Macedonia  
Tel no. ++ 389 2 20 34-800  
+ 389 2 20 34-853, 20 34-822  
fax: + 389 2 20 34-821,20 34- 850  
E-mail: ading@ mt.net.mk  
Web site: www.ading.com.mk

### 2.CHEMICAL COMPOSITION/INFORMATION OF THE COMPONENTS

CHEMICAL COMPOSITION: Aqueous solution of Na- liginosulphonate

### 3. HAZARD IDENTIFICATION

Main hazards: Not classified as hazardous

### 4. FIRST AID MEASURES

Ingestion: Drink copious amount of water  
Eye contact: Immediately flood the eye with plenty of water ,holding the eye open,  
obtain medical attention  
Skin contact: Wash skin thoroughly with soap and water.  
Remove contaminated clothing as washing proceeds.  
Obtain medical attention in case of irritation.  
Health care facilities: Provide pure water for flooding of eyes/skin.  
Medical recommendation: Provide symptomatic medical treatment

### 5. FIRE FIGHTING MEASURES

Extinguishing media: Not combustible  
Special hazards of product: none

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective clothing. Advise authorities Keep away  
the unnecessary personnel.  
Clean up methods: Small spillages may be flushed with large quantities of water  
Large spillages should be absorbed with inert material (sand, earth)  
Environmental Precautions: Try to prevent the material from entering drains or water courses unless  
transferred into the suitable containers for recovery

### 7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing  
Storage: Storage area should be cool, dry, ventilated out of direct sunlight

Storage temperature should be controlled between 5 and 25 °C.

Store in the original container

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures:	Use of the basic principles of industrial hygiene will enable this material to be used safely. Provide closed containers
Respiratory protection:	None required.
Personal protection:	General protection and precautions
Hand protection:	Wear suitable impervious gloves
Eye protection:	Wear safety glasses
Body protection:	Wear protective clothing
Skin protection:	Wash hands and face before break..

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Colour:	brown
Odour:	characteristic
Freezing point:	
Boiling point/range:	/
Melting point:	not applicable
Flash point:	not applicable
Vapour pressure:	not applicable
Vapour density:	not applicable
Relative density:	1.20± 0.03 kg/dm <sup>3</sup> at 25°C
Solubility:	soluble
pH:	7± 1 at 25°C
Viscosity:	<100 mPas
Dry content:	40±2%

#### 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to avoid:	Extremes of temperatures
Hazardous polymerization:	None under normal conditions
Hazardous decomposition products:	Combustion will generate: oxides of carbon, oxides of sulphur

#### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	None assigned
Eye irritation:	May cause slight transient irritation
Skin irritation:	Unlikely to cause irritation from occasional contact.

#### 12. ECOLOGICAL INFORMATION

Mobility:	The product will dissolve rapidly in water
Persistence/degradability:	The product is expected to be rapidly biodegradable
Ecotoxicity:	This product may be harmful to aquatic organisms

#### 13. DISPOSAL

Disposal according to local regulations for non hazardous products

#### 14. TRANSPORT INFORMATION

General conditions:	Not regulated under international hazardous products transport regulation (IMDG,IATA,ADR/RID)
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#### 15. REGULATORY INFORMATION

Risk phrases:	None assigned
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Safety phrases

None assigned

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**16. OTHER INFORMATION**

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Reason for Issue: New format

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.