



# شركة أبولو لكيمائيات الأبنية

## Apollo For Construction Chemicals

### MATREIAL SAFETY DATA SHEET (APOLLO ADD RWR)

#### 1-PROUDUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Apollo Add RWR.
<b>Chemical Family:</b>	Retarding and water reducing admixture.
<b>Manufacturer:</b>	<b>Apollo For Construction Chemicals</b>  P.O. Box 1117, Amman 11118 Jordan Tel. + 962 6 5338891 Fax: + 962 6 5338829 Email: <a href="mailto:Saels@nasaccc.com">Saels@nasaccc.com</a> Website: <a href="http://www.nasaccc.com">www.nasaccc.com</a>
<b>Date Prepared:</b>	01.07.2023
<b>MSDS Number:</b>	Nasa/08/04/142

#### 2- COMPOSITION /INFORMATION ON INGREDIENTS

<b>Composition:</b>	Aqueous solution of calcium ammonium nitrate
<b>Hazardous Ingredient(s):</b>	None of the ingredients of this product are classified as hazardous.
<b>Refer to Section 8 for Occupational Exposure Limits.</b>	

#### 3-HAZARD INFORMATION

No significant hazard.



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#### 4-FIRST AID MEASURES

<b>Eyes:</b>	Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if necessary.
<b>Skin:</b>	Remove contaminated clothing immediately. Wash immediately with copious quantities of water. Obtain medical advice if skin disorders develop.
<b>Inhalation:</b>	Remove from dust contaminated zone; obtain medical attention for any breathing difficulty.
<b>Ingestion:</b>	Wash out mouth with water. Obtain medical attention if large amount were swallowed.

#### 5-FIRE FIGHTING MEASURES

<b>Flash Point:</b>	None, not flammable.
<b>Special Exposure Hazards:</b>	None.
<b>Extinguishing Media:</b>	As surrounding fire.
<b>Personal Protective Equipment:</b>	Self – contained breathing apparatus.

#### 6- ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear rubber boots in addition to the recommended protective clothing.
<b>Environmental Precautions:</b>	Prevent entry into drains, sewers and water courses.
<b>Decontamination Procedures:</b>	Soak up with inert absorbent and remove by best available means. Dispose of as waste. Prior consent must be obtained from the local water company if discharged to sewer.

#### 7- HANDLING AND STORAGE

<b>Handling:</b>	Avoid skin and eye contact.
<b>Storage:</b>	Store in cool and dry area.



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#### 8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Eye Contact:</b>	Safety glasses/goggles.
<b>Skin Contact:</b>	Impervious gloves (e.g. PVC).
<b>Respiratory Protection:</b>	Unlikely to happen.
<b>Engineering Controls:</b>	No specific ventilation requirement noted.
<b>Exposure Guidelines:</b>	None assigned.

#### 9-PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Colour:</b>	brown
<b>Odour:</b>	Slight
<b>Boiling Point (°C) :</b>	> 100
<b>Flash Point (closed cup) (°C):</b>	None
<b>Autoflammability (°C):</b>	Not applicable
<b>Explosive Properties (%):</b>	Not applicable
<b>Freezing Point (°C):</b>	-2
<b>Relative Density (@25°C):</b>	1.19 – 1.21
<b>Water Solubility:</b>	Soluble

#### 10- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Conditions to Avoid:</b>	Temperature below 0°C.
<b>Chemical Incompatibility:</b>	Strong oxidizing agents. Strong acids, strong alkalis.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition yields sulfur compounds.



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#### 11-TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

##### Health Effects

<b>On Eyes:</b>	May cause slight transient irritation.
<b>On Skin:</b>	Unlikely irritation on brief occasional exposure.
<b>By Inhalation:</b>	Low volatility makes inhalation unlikely at ambient temperatures.
<b>By Ingestion:</b>	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.
<b>Chronic:</b>	Non known.

#### 12- ECOLOGICAL INFORMATION

<b>Environmental Assessment:</b>	When used and disposed off as intended, no adverse environmental effects are foreseen.
<b>Mobility:</b>	Mobile liquid. Soluble in water.
<b>Degradability:</b>	Expected to be readily biodegradable.
<b>Bioaccumulation:</b>	Not expected to be bioaccumulative.
<b>Acute Fish Toxicity:</b>	Expected to be ecotoxic to fish/daphnia/algae.

#### 13- DISPOSAL CONSIDERATION

**Disposal must be in accordance with local and national legislation.**

<b>Unused Product:</b>	Dispose off through an authorized waste contractor to a licensed site.
<b>Used/ Contaminated Product:</b>	As for unused product.
<b>Packaging:</b>	May be steam cleaned and recycled.



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#### 14- TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

#### 15- REGULATORY INFORMATION

##### Hazard Label Data:

This product is not classified as dangerous for supply.

##### Safety Phrases:

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:** 20/07/2023

**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.