

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name                      LP-270  
Supplier                              Larisplast LTD  
Address                                13 Habonim st. Kiriyat Gat 8211202 Israel  
Contact numbers                    Tel: 972-8-6204040, Fax: 972-8-6460321

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance formal name:        Methacrylic acid – acrylic ether copolymer  
Substance chemical family:    Polycarboxylate aqueous solution  
INCI Designation:                Carboxylic acid copolymer  
CAS number:                        None

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### 3. HAZARDS IDENTIFICATION

Human health hazards:        No irritating to the skin and eye. This substance is believed to present very little hazard if swallowed.  
Physical and chemical hazards:        This substance is a weak acidic liquid.  
Environmental hazards:        Environmental effects from the substance have not investigated.

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### 4. FIRST AID MEASURES

First Aid – Inhalation:        No hazard in normal industrial use. If exposed to excessive levels of mist, remove to fresh air and get medical attention if cough or other symptoms develop.  
First Aid – Skin:                Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.  
First Aid – Eye:                 Immediately wash out with plenty of water affected eyes for at least 15 minutes with eyelids held open. Consult an eye specialist. Flush longer if there is any indication of residual chemical in the eye.  
First Aid – Ingestion:         No ingestion effect known. Treat symptomatically. See a physician.

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# LarisPLAST Ltd.

ADVANCED PRODUCTS FOR CONCRETE AND BUILDING

Appearance:	Clear yellow brownish liquid	Specific gravity:	1.095±0.05
Odor:	Mild characteristic odor	Boiling point °C:	100
Solubility in water:	Very good (at 20 °C)	Vapour pressure:	Not available
Freezing point:	< 0 °C	Vapour density:	Not available
Distribution coefficient:	Not available	Rate of vaporization:	Not available

## 10. STABILITY AND REACTIVITY

Oxidizability:	This substance is not oxidant	Flash point:	Not available
Auto ignition temperature:	Not available	Self-reactivity:	Stable
Upper and lower explosion limit:	Not available	Material to avoid:	Iron
Flammability:	This substance will burn in a fire	Stability & reactivity:	This substance may be caused to gel by sun light (UV)
Spontaneous combustibility:	Not applicable	Reactivity with water:	Not reactive

## 11. ECOLOGICAL INFORMATION

Elimination information:	Test method: OECED 302B/ISO 9888/EEC 88302 C
Method of analysis:	DOC (Reduction degree of elimination: >70%)
Evaluation:	easy to eliminate
Behavior and environmental fate:	Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

## 12. TOXICOLOGICAL INFORMATION

As for toxicological information of this substance, the data of analogy polymer (POWERFLOW-WD) is showing below as reference.

Corrosive and irritant properties

Eye irritant:	Non-irritating (Rabbit/0.1 ml, Not rinsed, 24-72 hr./PIS=0.00)
Skin irritant:	Non-irritating (Rabbit/0.5 ml, Patch test, 24-72 hr./PIS=0.00)
Acute toxicity:	Oral-rat LD50 greater than 2,000 mg/kg

Dermal-rat LD50 greater than 2,000 mg/kg

Carcinogenic effects: Not established on LARC, NTP, EU and OSHA.

Mutagenic effects: The substance was negative in the Ames test.

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### **13. DISPOSAL CONSIDERATIONS**

Dissolve or mix this material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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### **14. TRANSPORT INFORMATION**

Not classified as hazardous under transport regulations. Any transportation practice must be in compliance with laws and regulation in your country or region.

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### **15. REGULATORY INFORMATION**

EU STATUS: Not listed on 67/548/EEC ANNEX I

EINECS Copolymer Monomer A: Listed, Monomer B: Listed, Monomer C: Listed, Monomer D: Listed, Monomer E: Listed

AUSTRALIA STATUS

AICS: Not Listed

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### **16. OTHER INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Larisplast LTD be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Larisplast LTD has been advised of the possibility of such damages.