

## SAFETY DATA SHEET

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### NEU™ PCE 100-P

1. Chemical Product and Company Identification	
Trade name	NEU™ PCE 100-P
Chemical family name	Carboxylated Polyether
Product Type	Concrete additive
Chemical formula	Mixture-NA
Company/Supplier information	Please contact the local distributor

2. Composition, Information on Ingredients		
Ingredient	CAS#	Percent (max)
Polyethylene glycol monomethyl ether	9004-74-4	60%
Methacrylic acid	79-4-14	40%

3. Hazard Identification	
Emergency Overview:	CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. MAY AFFECT LUNGS.
Potential Health Effects	
Inhalation	Acute inhalation not expected to result in adverse effects. Prolonged inhalation may cause respiratory tract irritation. Effects include: No other effects expected unless listed below.
Eye	Eye contact causes irritation.
Skin	Skin contact causes irritation. Prolonged skin contact can result in irritation causing redness and itching. Not expected to be harmful if absorbed through the skin.
Ingestion	Harmful if ingested. Effects include: Nausea, pain, vomiting, diarrhea and digestive tract irritation.

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4. First Aid Measures	
Skin contact	Wash with soap and water. If discomfort or irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.
Eye contact	Flush eyes with water for at least 15 minutes while holding eyelids open. If discomfort or irritation persists, consult a physician.
Ingestion	Rinse mouth with water. Give the person one or two glasses of water and then consult physician. In extreme emergency, induce the victim to vomiting under professional supervisions.
Inhalation	No hazard in normal industrial use. If symptoms develop, get fresh air, and if symptoms persist, consult a physician. If breathing has stopped, give artificial respiration then oxygen if needed.

5. Fire Fighting Measures	
Extinguishing media	In case of fire, use water spray, dry chemical, carbon dioxide or foam.
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exist. Water may be used to cool containers to prevent pressure build up and possible auto ignition or explosion. Avoid breathing hazardous vapors or products of combustion, keep upwind. Isolate area and keep unnecessary people away. Prevent runoff from fire control or dilution from entering streams or drinking water supplies. No special procedures specific to this product.
Unusual Fire and Explosion Hazards	None unless noted below.

6. Accidental Release Measures	
Spills/Leaks: Use proper personal protective equipment. Do not flush to sewer or allow to enter waterways. Keep unnecessary people away. Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container. For large spills, dike area and pump waste material into closed containers for disposal or reclamation.	

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7. Handling and Storage	
Precautionary Measures: Avoid contact with eyes, skin and clothing. Do not take internally. Practice good personal hygiene to avoid ingestion. Use only with adequate ventilation. Wash clothing before reuse. <b>FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.</b>	

8. Exposure Controls & Personal Protection	
Engineering measures	Ventilation must be adequacy.
Personal Protective Equipment	Common rules : D o not eat, drink and smoke at working place. Avoid long time contact the substance and breathe the dust of the substance. Change the contaminated clothing and wash it.
Respiratory Protection	Necessary
Skin Protection	Rubber or other impervious gloves should be worn to prevent skin contact.
Eye Protection	At minimum, safety glasses with side shields should be worn where exposure to excessive dust or spry is likely.
Work/Hygienic Practices	Use good personal hygiene practices. None beyond those noted above.

9. Physical & Chemical Properties	
Appearance	White powder
Characteristics	Non toxin, tasteless, inflammable
Water Content (Powder) (%)	< 3
Solid Content (Liquid)	20±1, 40±2
Density (g/cm <sup>3</sup> )	1.054±0.02 (20%L), 1.12±0.02 (40%L)
pH Value(20°C) (20% Liquid)	6~8
Cl Content (%)	0.02±0.005
Alkaline Content (%)	≤0.5

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10. Stability & Reactivity	
Storage	Keep away from the heat, direct sunlight and fire.
Conditions To Avoid	Strong oxidant.
Hazardous Decomposition Products	This substance will not decompose hazardously.

11. Toxicological Information
Not belong to toxic substances. Corrosive and Irritation Properties: Not belong to corrosives, may cause skin/eye irritation. Allergenic and Sensitive Effects: No relevant information found Acute and Chronic Toxicity: No relevant information found Effects on the Reproductive System: No relevant information found Teratogenic Effects: No relevant information found

12. Ecological Information
Not belong to radioactive material. Environmental Fate and Ecotoxicity: No data available for product

13. Disposal Information
Burn in a chemical incinerator equipped with an afterburner and scrubber. Before discarding it, consult with the local specialist of water treatment.

14. Transport Information
Hazards Identification: None Suggestion According to IATA DGR: The goods is not subject to IATA DGR Packaging Requirements: The goods are packaged according to the packaging requirements of ordinary goods.

15. Regulatory information
Labeling is not required.

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16. Other information
No other information.

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