

## SAFETY DATA SHEET

According to REACH, Commission Regulation (EU) 2015/830 of 28 May 2015

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### Section 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name	<b>Functional CI-498</b>
Chemical Family	Aqueous Solution of Phosphate Salt
Product Use	Corrosion Inhibitor
CAS Registry Number	Mixture
Revision Date	June 15, 2017

Manufacturer: Functional Products, Inc.  
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Macedonia, Ohio 44056, USA  
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E-mail: [SDS@functionalproducts.com](mailto:SDS@functionalproducts.com)

European Supplier: Lumar Quimica S.L.U.  
Milanesat, 25-27, 4t. 1a.  
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Spain  
Tel: + 34 93 594 75 00  
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Emergency Phone Numbers:  
United States: + 330-963-3060 (8:00AM-5:00PM EST)  
Europe + 34 93 594 75 00 (08:00 -13:00 14:00-17:00)  
France (ORFILA): + 33 (0)1 45 42 59 59

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### Section 2: HAZARDS IDENTIFICATION

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This material is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) N<sup>o</sup> 1272/2008 [CLP]

This is not a hazardous substance or mixture according Regulation (EC) No. 1272/2008.No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

This is not a hazardous substance of mixture according to EC-directives 67/548/EEC or 1999/45/EC. This material has no known hazards, if the regulations/notes for storage and handling are considered and followed.

## **2.2 LABEL ELEMENTS**

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Regulation (EC) N° 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with Regulation (EC) No. 1272/2008.

According to Directive 67/54//EEC or 1999/45/EC

European Economic Community (EEC) Directives

The product does not require a hazardous warning label in accordance with EEC Directives.

## **2.3 OTHER ELEMENTS**

If it is applicable, information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

According to Regulation (EC) No. 1272/2008 [CLP]

This material has no known hazards

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## **Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Substance/Preparation</b>	<b>% (w/w)</b>	<b>CAS #</b>
Phosphate	10-25	Proprietary
Water	75-90	7732-18-5

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**Section 4: FIRST-AID MEASURES**

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Inhalation:	If inhaled, remove to fresh air. Get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion:	If affected person is conscious, give plenty of water to drink. Never give anything to drink to an unconscious person. Get medical attention if symptoms appear.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

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**Section 5: FIRE-FIGHTING MEASURES**

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Flash Point:	Non-flammable liquid
Upper Flammable Limit:	Not determined
Lower Flammable Limit:	Not determined
Extinguishing Media:	N/A
Fire-Fighting Procedures:	N/A

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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Personal Precautions:	Personal Protective Equipment must be worn. Keep unnecessary personnel away.
Environmental Precautions and Clean-Up Methods:	Spills should be swept up for salvage or for disposal in accord with local, state and federal regulations. Prevent entry to sewers and water-ways.

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**Section 7: HANDLING AND STORAGE**

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Handling:	Wash thoroughly after handling.
Storage:	Avoid freezing or boiling temperatures.

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**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Ventilation:	Use with adequate ventilation.
Hands:	Use chemical resistant, impervious gloves.
Eyes:	Use safety glasses, goggles, or face mask.
Clothing:	Long sleeved shirt is recommended.
Respiratory System:	Use mask to prevent inhalation when handling.
Occupational Exposure Limits:	No exposure limits have been established.

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State:	Liquid
Color:	Clear (Colorless)
Odor:	None
Specific Gravity:	1.1
Solubility:	Soluble in water
Boiling Point:	N/A
Vapor Pressure:	N/A
Evaporation Rate:	N/A

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**Section 10: STABILITY AND REACTIVITY**

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Stability:	The product is stable.
Incompatibility:	None
Conditions to Avoid:	None
Hazardous Decomposition Products	None

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**Section 11: TOXICOLOGICAL INFORMATION**

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Oral Toxicity:	No data available
Eye effects:	No data available
Skin Irritation	No data available
Dermal Toxicity	No data available
Inhalation Toxicity	No data available
Chronic Toxicity	No data available
Carcinogenicity	No data available
Teratogenicity	No data available
Reproductive Toxicity	No data available

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**Section 12: ECOLOGICAL INFORMATION**

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Environmental Hazards:	No data available
Environmental Fate:	No data available
Freshwater:	No data available
Bacteria Toxicity:	No data available
Fish Toxicity:	No data available
Algae Toxicity:	No data available

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**Section 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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**Section 13: TRANSPORTATION INFORMATION**

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U.S. Dot Bulk: Not regulated  
U.S. Dot Non-Bulk: Not regulated  
IMDG Code: Not regulated  
ICAO: Not regulated  
ADR/RID Hazard Class: Not regulated

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**Section 15: REGULATORY INFORMATION**

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U.S. TSCA Inventory: Yes  
Other TSCA Reg.: No  
SARA EXT. HAZ. SUBS: No  
SARA Section 313: No  
CERCLA: No  
CAL. PROP. 65: No  
Japan MITI: Listed - MITI  
Australia: Listed - AICS  
Europe: Listed - EINECS  
Polymers are exempt from EINECS inventory under the polymer exemption.  
China: Listed - IECSC  
Canada: Listed - DHL  
WHMIS – not controlled.  
Korea: Listed - KECI  
New Zealand: Listed - NZIoC  
Philippines: Listed – PICCS

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**Section 16: OTHER INFORMATION**

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NFPA Code: Health: 1 Fire: 0 Reactivity: 0  
HMIS Code: Health: 1 Fire: 0 Reactivity: 0

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