





<b>EC Material Safety Data Sheet</b>					
Material Safety Data Sheet in accordance with 91/155/EEG		Version : 10 Status : 16-04-2004			
<b>STPP (all types)</b>					
<b>1 Identification of the substance/preparation and company</b>					
<p><i>Tradename :</i> Sodium tripolyphosphate  <i>Chemical name :</i> Sodium tripolyphosphate  <i>Application :</i> Food &amp; feed industry, Detergents &amp; Dishwashing tablets, (liquid) cleaners, in brines in the seafood- en meatindustry, Detergent Slurries  <i>Supplier :</i> Thermphos International B.V.                      Haven 9890                      4389 PD Vlissingen                      P.O. Box 406                      4380 AK Vlissingen                      The Netherlands                      Tel.: ++31(0)113 - 689 500                      Fax.: ++31(0)113 - 689 501</p> <p style="text-align: center;"><b>Emergency telephone number: ++31(0)113 - 689 222</b></p>					
<b>2 Composition and information on ingredients</b>					
	CAS-number	Annex-1 number	Conc. (w/w)	Symbols	R-phrases
<i>Sodium tripolyphosphate :</i>	7758-29-4		>95%		
<i>Further information :</i> Technical quality available in types: N-NW-L-S-SPR-FH-GH-C-SK Foodgrade quality available in type: FG and QDT					
<b>3 Hazards identification/Symptoms</b>					
<p><i>Inhalation :</i> Cough, sore throat, shortness of breath  <i>Skin :</i> Redness, corrosive  <i>Eyes :</i> Redness, corrosive, poor visibility  <i>Ingestion :</i> Gastro-intestinal disorders, vomiting  <i>Environment :</i> Can contribute to eutrophication in stagnant waters; any release into surface waters should therefore be avoided.  <i>Fire :</i>  <i>Explosion :</i>  <i>Chemical / Physical :</i>  <i>Other :</i> No particular hazards are known.</p>					
<b>4 First aid measures</b>					
<p><i>In case of inhalation :</i> Remove casualty to fresh air and keep at rest. Seek medical advice.  <i>In case of contact with skin :</i> After contact with skin wash immediately with plenty of water.  <i>In case of contact with eyes :</i> Rinse with plenty of water and seek medical advice.</p>					

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<h3>4 First aid measures</h3>		
<p><i>In case of ingestion :</i> Rinse mouth. Drink water. Call for medical assistance.  <i>Advice to doctor :</i> Treat the symptoms.  <i>Further information :</i></p>		
<h3>5 Fire-fighting measures</h3>		
<p><i>Extinguishing media :</i> The product itself is not flammable; take extinguishing action appropriate to the fire in the surroundings. Foam; dry powder; carbon dioxide; waterspray jet.</p> <p><i>Unsuitable extinguishing media :</i></p> <p><i>Special exposure hazards :</i></p> <p><i>Dangerous decomposition products :</i></p> <p><i>Equipment for firefighters :</i></p> <p><i>Specific extinguishing procedure :</i></p>		
<h3>6 Accidental release measures</h3>		
<p><i>Personal precaution :</i> Do not inhale. Avoid contact with eyes and skin. Forms with water, slippery and greasy layers.</p> <p><i>Environmental precaution :</i> Avoid release into the sewage network or the aquatic environment.</p> <p><i>Methods for cleaning up :</i> Take up mechanically. Rinse away residues with water. Dispose of contaminated material in accordance with the safety regulations.</p>		
<h3>7 Handling and storage</h3>		
<p><i>Handling :</i> Avoid dust formation and accumulation. No special measures are required if the material is stored and handled in accordance with the regulations.</p> <p><i>Storage :</i> No special measures are required if the material is stored and handled in accordance with the regulations. Stability: storage period &gt; 12 months.</p> <p><i>Requirements for packaging :</i> Store container in a dry, cool, well ventilated place.</p>		
<h3>8 Exposure controls / personal protection</h3>		
<p>LIMIT VALUE*</p> <p>*Dutch limit value (MAC) : Not defined.</p> <p>MEASURES</p> <p><i>Technical :</i> Do not inhale. Avoid contact with eyes and skin. Provide good ventilation and local fume extraction.</p>		

EC Material Safety Data Sheet		 thermPhos
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<b>8 Exposure controls / personal protection</b>		
<p><i>Organizational :</i>  Hygienic : After work, wash and care for the skin thoroughly.</p> <p>PERSONAL PROTECTIVE EQUIPMENT</p> <p><i>Respiratory protection:</i>Dust mask, filter type P2.  <i>Hand protection :</i> Rubber gloves.  <i>Eye protection :</i> Safety goggles.  <i>Skin protection :</i></p>		
<b>9 Physical and chemical properties</b>		
<p><i>Physical condition :</i> Solid. <span style="float: right;"><i>Formula:</i>Na<sub>5</sub>P<sub>3</sub>O<sub>10</sub></span>  <i>Colour :</i> White.  <i>Odour :</i> Odourless.  <i>Odour perception limit :</i>  <i>Molecular weight :</i> 368  <i>Acidity / pH :</i> 9.2 - 10.0 (at.: 10 g/l H<sub>2</sub>O and 20° C.)  <i>Boiling point / ....(°C) .:</i>  <i>Melting point / ....(°C) .:</i> Approx. 620  <i>Flash point (°C) :</i>  <i>Self-ignition temperature (°C) :</i>  <i>Lower explosion limit (vol.%) :</i>  <i>Upper explosion limit (vol.%) :</i>  <i>Vapour pressure (20° C) :</i>  <i>Relative vapour density (Air=1) :</i>  <i>Bulk density (kg/m<sup>3</sup>) :</i> 380 to 1000  <i>Relative density (H<sub>2</sub>O=1) :</i>  <i>Solubility in water :</i> Approx. 150 g/l (at: 20° C); approx. 180 g/l (at: 60° C).  <i>Viscosity (20° C, mPas) :</i>  <i>Partition coefficient: octanol/water</i></p>		
<b>10 Stability and reactivity</b>		
<p><i>Stability :</i> Thermal decomposition: above 600° C.</p>		



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<b>14 Transport information</b>		
<i>IATA :</i> NOT A HAZARDOUS SUBSTANCE. <i>Other details :</i> Shipment by mail: APPROVED.		
<b>15 Regulatory information</b>		
<i>Symbol :</i>		
<b>R-phrases</b>		
<b>S-phrases</b>		
<i>Note :</i>		
<i>EC-labeling :</i> Labelling in conformity with directives 67/548/EEC and 88/379/EEC: not subject to the labelling regulation.		
<i>EC number :</i> 231-838-7		
<i>Special regulations :</i> Germany: Water endangerment category: 1 (KBwS classification) KBwS no.: 1209.		
<b>16 Other information</b>		
<i>Changes in rubric :</i> 2 <i>Date of printing :</i> 19-4-2004		
<i>This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.</i>		