SAFETY DATA SHEET
According REACH Title IV, Annex II and Format ISO 11014 PIB – and also with:

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>FUNCTIONAL CMR-1001</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMICAL FAMILY</td>
<td>Mixture</td>
</tr>
<tr>
<td>PRODUCT USE</td>
<td>Concrete Mould Release Additive</td>
</tr>
<tr>
<td>CAS REGISTRY NUMBER</td>
<td>Mixture</td>
</tr>
<tr>
<td>REVISION DATE</td>
<td>July 30, 2012</td>
</tr>
</tbody>
</table>

MANUFACTURER / SUPPLIER
FUNCTIONAL PRODUCTS INC.
8282 Bavaria Road
Macedonia, Ohio 44056, USA
Tel: 330-963-3060
Fax: 330-963-3322

2. HAZARDS IDENTIFICATION

EYES: This material is irritating to eyes.

SKIN: This material is irritating to the skin.

INGESTION: Not expected to be a problem when ingested in small quantities.

INHALATION: May cause respiratory irritation. If heated, sprayed or misted, this product may cause chemical pneumonitis.

CARCINOGENICITY: Not listed as a carcinogenic.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE/ PREPARATION</th>
<th>(% w/w)</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetable based synthetic fluid</td>
<td>30 - 50</td>
<td>proprietary</td>
</tr>
<tr>
<td>Vegetable based fluid</td>
<td>30 - 50</td>
<td>120962-03-0</td>
</tr>
<tr>
<td>Vegetable based acid</td>
<td>10 - 30</td>
<td>proprietary</td>
</tr>
</tbody>
</table>
4. **FIRST-AID MEASURES**

**INHALATION:** Remove to fresh air. In case of irritation to the respiratory system or mucous membranes, get medical attention. In case of prolonged exposure, get medical attention.

**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. Do not induce vomiting.

**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.

5. **FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 150°C / 300°F

**UPPER FLAMMABLE LIMIT:** Not determined.

**LOWER FLAMMABLE LIMIT:** Not determined.

**EXTINGUISHING MEDIA:** In case of fire use water spray (fog), foam or dry chemicals.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, and phosphorus.

**FIRE-FIGHTING PROCEDURES:** Recommended to wear self-contained breathing apparatus and full protective gear.

6. **ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS** Personal Protective Equipment must be worn. Keep unnecessary personnel away.

**ENVIRONMENTAL PRECAUTIONS AND CLEAN UP METHODS** Spills should be contained, absorbed and containerized for disposal in accord with local, state and federal regulations. Prevent entry to sewers and water-way.
7. **HANDLING AND STORAGE**

HANDLING: Wash thoroughly after handling.

STORAGE: Keep container tightly closed, in cool, well ventilated area.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

VENTILATION: Use with adequate ventilation.

HANDS: Use chemical resistant, impervious gloves.

EYES: Use safety glasses, goggles or face mask.

CLOTHING: Long sleeve shirt is recommended.

RESPIRATORY SYSTEM: Use appropriate respiratory protection if there is the potential for overexposure to fumes.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid
COLOR: Yellow-amber
ODOR: Odorless
DENSITY: 0.93 g / cm³ at 15°C (59°F)
SOLUBILITY: Insoluble in water
VAPOR PRESSURE: < 0.1
EVAPORATION RATE: < 1

10. **STABILITY AND REACTIVITY**

STABILITY: The product is stable.
INCOMPATIBILITY: Strong acids, bases, oxidants and reducing agents.
CONDITIONS TO AVOID: Not known.

11. **TOXICOLOGICAL INFORMATION**

SENSITIZATION: Based on current information, there is no known human sensitization associated with this product.

MUTAGENICITY: Experimental evidence suggests that this product does not cause mutagenesis.

CARCINOGENICITY: Not classified or listed by IARC, NTP, OSHA, EU, and ACGIH.

TERATOGENICITY: Based on best current information, there is no known teratogenicity associated with this product.
REPRODUCTIVE TOXICITY
Based on best current information, there is no known reproductive toxicity associated with this product.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS Not available
FISH TOXICITY Not available
ALGAE TOXICITY Not available
BACTERIA TOXICITY Not available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

U.S. DOT BULK Not regulated.

15. REGULATORY INFORMATION

U.S. TSCA INVENTORY Yes
SARA EXT. HAZ. SUB. No
SARA Section 313 No
CERCLA No
CALIF. PROP. 65 No
Australian AICS Yes

16. OTHER INFORMATION

NFPA CODE Health: 1  Fire: 1  Reactivity: 0

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