



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### POLYGLYCEROL-3 (INCI Name – Polyglycerin-3)

| Code No. | SCN No. | CAS No.    | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|------------|----------------|-----------------|----------|-------------|
| PG3SGL   | 2949    | 25618-55-7 | May 18, 2011   | GM              | Original | MPR         |

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| <b>CHARACTERISTICS:</b> | A clear yellowish viscous liquid with an average molecular weight of 250 g/mol. It is water soluble and is less hygroscopic than glycerol or diglycerol. |
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|------------------------|-----------------------------------|---------------------------|
| <b>SPECIFICATIONS:</b> | Diglycerol                        | 15-30%                    |
|                        | Triglycerol                       | 35-55%                    |
|                        | Tetraglycerol                     | 10-25%                    |
|                        | Pentaglycerol                     | Less than or equal to 10% |
|                        | Hexaglycerol and higher oligomers | Less than or equal to 5%  |
|                        | Color (Hazen scale APHA)          | Less than 250             |
|                        | Water                             | Less than 1 g/kg          |
|                        | Chloride                          | Less than 100 mg/kg       |

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| <b>STOCKING POINTS:</b> | Farmingdale, NJ |
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| <b>PACKAGING:</b> | 250 kg steel drum |
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| <b>APPLICATIONS:</b> | The main application of Polyglycerol-3 is the conversion to a variety of derivative, including fatty acid esters which are used as non-ionic emulsifiers in food, cosmetic, pharmaceutical and industrial applications |
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| <b>OTHER:</b> | Kosher: Adath Yereim<br>Halal Certified: Islamic Food Council of Europe<br>EINECS number 915-741-3 |
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