simpler solutions

# P.I. TerraGreen Glass Cleaner LP Concentrate

**Product Number 201036-55**

***Specification Enclosed***

**Description of Finished Product -** A concentrated liquid, environmentally responsible, glass and multi-surface cleaner, that is non-streaking. It shall not contain any alcohol or ammonia. Product must qualify to carry Green Seal Approval.(2008 Revision)

**Blending** – Blend 1 part of concentrate with 3 parts of softened water. Mix until uniform. Or. For 100 gallons – Blend 209 lbs of concentrate to 626 lbs of softened water. Provides a finished product that is diluted by end user at the rate of 1 – 32.
For RTU product – blend 8.86 lb. (1.1 gal) of P.I. TG Glass Cleaner LP Conc. And 824.1 lb. (99.1 gal) of water to make 100 gallons of finished product.

| | |
|---|---|
| End-User Dilution Rate of Finished Product | 1-32, 1-50 |
| EPA Registration required | No |
| Brulin Brand Name of Finished Product | **TerraGreen Blue Glass Cleaner**<br><br>Normal Use: 1-32<br>Light Duty: 1-50 |
| Packaging for Finished Product | 4 gallons/case for conc.<br>12 Qts/case RTU<br>4 half Gal. w/btl insert for Disp. |

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ISO 9001:2000 Registered

# Specifications

## P.I. TerraGreen Glass Cleaner LP Concentrate

**Typical Physical and Chemical Specifications for the Manufacturing Intermediate:**

| | |
|---|---|
| Chemical Composition: | Blend of surfactants, solvents, water |
| Physical Form: | Liquid |
| Biodegradable | Yes |
| Phosphate Free | Yes |
| Flash Point | 146ºF (PMCC) Minimum |
| Typical pH | 7 - 9 Maximum |
| Normal Total Actives | 62.8% |

**Special Requirements or Approvals:** This product shall contain no NPE, ammonia, alcohol.

HMIS Hazard Rating shall not exceed:

| | |
|---|---|
| Health | 1 |
| Flammability | 2 |
| Reactivity | 0 |

## Specifications for the Finished Product
## (P.I. TerraGreen Blue Glass Cleaner 1-32 Concentrate)

**Typical Physical and Chemical Characteristics:**

| | |
|---|---|
| Physical Form | Liquid |
| Free of | Phosphates, caustics, ammonia, Alcohol, NPE |
| Flash Point | None to boiling |
| pH of Concentrate | 8.7 maximum |
| pH of Working Solution | 9 maximum |
| Normal Actives | 15.7% minimum |

HMIS Hazard Rating shall not exceed:

| | |
|---|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |

**Special Requirements or Approvals:** Product must meet all the guidelines of GS-37 including those for human toxicity, aquatic toxicity, and aquatic biodegradability. Bidder must certify that the finished product manufactured from the concentrate will meet all of these requirements and that this finished product can currently qualify to carry Green Seal Approval.