

# MATERIAL SAFETY DATA SHEET

LF00985

Panef  
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9637.

GENERAL INFORMATION NUMBER: (414) 464-7200

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## I - Product Identification

### Surfactant

PRODUCT CODE: 0395

CHEMICAL FORMULATION: Non-ionic wetting agent

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

| SUBSTANCE                      | APPROX<br>% | OSHA<br>PEL | ACGIH<br>TLV | EPA 40 CFR: |     |     | CAS #     |
|--------------------------------|-------------|-------------|--------------|-------------|-----|-----|-----------|
|                                |             |             |              | 302         | 355 | 372 |           |
| Poly (oxyethylene) nonylphenol | 15.0-25.0   | N/E         | N/E          | N           | N   | N   | 9016-45-9 |

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No  
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 1.01  
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): N/D  
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D  
SOLUBILITY IN WATER: Soluble pH: 6.5-7.5  
APPEARANCE AND ODOR: Viscous, clear green liquid; mild detergent odor.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None (TEST METHOD): Closed cup  
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/A LOWER: N/A  
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.  
UNUSUAL FIRE AND EXPLOSION HAZARD: None.

PRODUCT NAME: Surfactant

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### V - Reactivity Data

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**STABILITY:** Stable

**INCOMPATIBILITY:** None

**CONDITIONS TO AVOID:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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### VI - Health Hazard Data

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**ROUTES OF ENTRY INHALATION:**    **EYE CONTACT:** X    **SKIN CONTACT:** X    **INGESTION:** X  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Mild irritation.

**IF ON SKIN:** Possible mild irritation, with prolonged or repeated exposure.

**IF SWALLOWED:** Possible gastrointestinal irritation, nausea, cramps, vomiting.

**IF INHALED:** None under normal use.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything to an unconscious person.

**IF INHALED:** Remove person to fresh air.

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### VII - Spill or Leak Protection

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill. Soak up spilled material with inert absorbent material or flush away with water.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities for disposal in accordance with state and local regulations.

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### VIII - Special Protection Information

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**RESPIRATORY PROTECTION:** Not required under normal use.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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### IX - Transportation Information (ground transportation only)

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**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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