

Heavy-Duty 245

HEALTH	0
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

Hazard: (Based on HMIS Standard), **Health: 0** **Flammability: 2** **Reactivity: 0**

Hazard Index: Minimal: 0, Slight: 1, Moderate: 2, High: 3, Extreme: 4



General Description

ORANGE-SOL™ Heavy-Duty 245 is an organic, biodegradable, environmentally friendly, non-toxic, safe, industrial strength solvent for cleaning and heavy-duty degreasing. A stronger version of the #1 solvent used on over 12,000 workers and their boats & equipment at the Alaskan Oil Spill. *USDA C-1 Rating*

Physical & Chemical Properties

Flash Point and Method: 105°F (41°C), PMCC, ASTM D-93.

Appearance and Odor: Clear orange color with a citrus odor.

Specific Gravity: .799, 6.65 lbs/US gallon.

Vapor Density: (Air=1), >1. (Estimated)

Vapor Pressure: <0.2 mm of Hg @ 20°C, <0.002 psi @ 68°F.

Evaporation Rate: (BuAc=1) 0.1.

pH of Concentrate: None.

Solubility in Water: Dispersible.

Percent Volatile by Volume: >97%.

Effectively Removes

- Tar
- Greases
- Gums
- Skin Oils
- Lubricants & Cutting Fluids
- Asphalt
- Carbon Black
- Oil
- Fresh Screen Printers Ink
- Fresh Oil Based Paints, Stains, & Lacquers
- Adhesives
- Creosote
- Fresh Offset Ink
- Wax-based Product

Surface / Substrate Compatibility

ORANGE-SOL™ Heavy-Duty 245 is safe to be used on these surfaces and more:

- Metal
- Stone
- Brick/Block
- Glass
- Stainless Steel
- Fiberglass
- Electronic Components
- Wood
- Most Fabrics
- Porcelain
- Many Plastics
- Metal & Fiber-Clad Laminates
- Ceramics
- Tile
- Concrete
- Formica

Safety Features

As with almost all ORANGE-SOL products, **Heavy-Duty 245** is a safer alternative to traditional chlorinated solvents and other hazardous chemicals typically used in industry. The user friendly and biodegradable characteristics of this product can eliminate or reduce the expense associated with:

- Regulatory Reporting
- Monitoring Requirements
- Hazardous Product Handling
- Special Handling & Ventilation Equipment
- Disposal of Spent Hazardous Products
- Protective Clothing & Equipment
- Medical Surveillance
- Regulatory Fees and
- Taxes

Application

ORANGE-SOL™ Heavy-Duty 245 is 100% active ingredients and contains no water, use full-strength, do not dilute. Check for compatibility prior to use.

General Use: Pour, spray, wipe to problem area. Allow sufficient time for product to penetrate (penetration time will vary with different applications); Wipe off or rinse with mild soap and clean water for residue free surfaces.