

# VPRX<sup>®</sup>

Quickly and safely renders tank cars gas and oil free, water wet, and safe for entry.



## VPRX<sup>®</sup> is your solution for rapidly cleaning and degassing tank cars.

VPRX<sup>®</sup> was formulated to **quickly and safely** clean and degas hydrocarbon contaminated tank cars using the steam-driven vapor phase process. Our unique chemistry and vapor phase process renders tank cars **gas and oil free, water wet, and safe for entry in as little as two hours.**

The use of VPRX **removes LEL, H<sub>2</sub>S, benzene, and other hazards** to reduce or eliminate confined space entry concerns during the cleaning process. VPRX is also **biodegradable, non-toxic, non-corrosive, free of chlorinated solvents, and petroleum distillates.** Our chemistry reduces safety concerns, environmental impact, regulatory burdens and can **lower waste water volumes by up to 90%** versus traditional cleaning methods.

While VPRX is the **safer alternative** to harsher solvents and cleaning methods, it still has a high solvency strength (4 x the strength of diesel) and is the **ultimate solution** for hydrocarbon tank car cleaning.

**Biodegradable**  
**Non-Toxic**  
**Non-Corrosive**  
**High Solvency Strength**  
**Water Dispersible**  
**Water Dilutable**  
**Optimized for Steam Injection**

### AVAILABLE PRODUCTS

Item #BF4055 - 55 Gallon Drum

Item #BF4075 - 275 Gallon Tote

## APPLICATIONS

- Crude Oil
- Heavy Oils
- Paraffin
- Fuel Products
- Organic Hydrocarbons
- LEL and H<sub>2</sub>S Removal



A WHOLLY OWNED  
SUBSIDIARY OF **REFINED**  
technologies



Replacing hazardous solvents without compromising effectiveness.

**BioChem Systems**  
480 Wildwood Forest • Suite 400  
Spring, Texas 77380  
cservice@biochemsys.com  
800-777-7870

## Product Usage

To learn more about VPRX<sup>®</sup> and its application, please contact your BioChem representative for more information and an on-site demonstration.

[cservice@biochemsys.com](mailto:cservice@biochemsys.com)

800-877-7870

## VPRX2<sup>®</sup>

VPRX2<sup>®</sup> is also available as a **lower odor option**.

Please contact BioChem for more details.

<b>Item #</b>	BF4055, BF4075
<b>Physical State:</b>	Liquid
<b>Net Contents:</b>	55 gal, 275 gal
<b>Container Types &amp; Weights:</b>	Steel Drum - 55 gal - 420 lbs
	Tote- 275 gal -2115 lbs
<b>DOT Shipping Name</b>	UN2319 Terpene hydrocarbons, n.o.s. (Contains: Dipentene), 3, III
<b>Exemption</b>	55 gal drum - 49 CFR 173.120(b) (2) and 173.150 (f) (1)

<b>Scent:</b>	Pine
<b>Color:</b>	Clear Straw
<b>Flash Point:</b>	108°F (42°C)
<b>Base Type:</b>	Terpenes
<b>Solvency/KB</b>	Not measured
<b>VOC Content:</b>	90%
<b>pH:</b>	Neutral (10% solution)
<b>Relative Evaporation Rate:</b>	<1(H <sub>2</sub> O = 1)
<b>Relative Density</b>	0.84
<b>Restricted from Sale:</b>	None
<b>California Prop 65 Warning:</b>	None

## Warnings

**DANGER: Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction.**

**PREVENTION:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof ventilating, lighting, electrical equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors, spray, mist, gas. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, face protection, protective clothing, protective gloves.

**RESPONSE:** IF SWALLOWED: Immediately call a POISON CENTER, a doctor. If on skin: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

**STORAGE:** Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

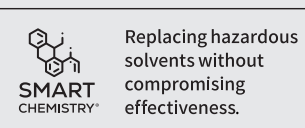
**DISPOSAL:** Dispose of contents/container to hazardous or special waste collection point in accordance with local, regional, national, and/or international regulation.



02082024



A WHOLLY OWNED  
SUBSIDIARY OF

**BioChem Systems**  
480 Wildwood Forest • Suite 400  
Spring, Texas 77380  
[cservice@biochemsys.com](mailto:cservice@biochemsys.com)  
800-777-7870