



# JOHN-HENRY ENTERPRISES, INC.

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## VAPO-LOCK

### *Vapor Scrubber Solution*

Vapo-Lock Encapsulating Agent works at the molecular level to form bonds around hydrocarbons, rendering liquids and vapors inert. It rapidly dissolves hydrocarbon sludge and residue, reducing the concentration of hydrocarbon vapors below their Lower Explosive Limit (LEL). Vapo-Lock quickly and safely returns the tank for inspections, repairs or general clean-out. It can be safely applied to all stainless steel, aluminum, or carbon steel tanks without harm. After a wash-out & rinse, Vapo-Lock does not leave a residue.

All Tanks should be inspected and checked for VOC levels before cleaning begins. Verify that no liquid is in the sump area and tank has been fully drained. If residue is in sump area, follow proper procedure for emulsifying or encapsulating material before neutralizing flammable vapors.

A 3% solution of Vapo-Lock is applied through the John-Henry Simplicity Fogger when only flammable vapors remain, and via spinner system where substantial flammable heel remains. All applications should be applied below 180°F. **Benzene and H2S levels will be reduced, with benzene levels less than 1 ppm.** The concentration of vapors will be below the LEL. **Thicker deposits and sludge can be quickly removed.** The same 3% solution may be applied to tank exteriors using a scrub brush to remove deposits, followed by a water rinse. **Personnel are safe from the dangers of low flash point solvents or degreasers and are not contributing to the waste by using diesel fuel as a solvent.**

### SPECIFICATIONS FOR VAPO-LOCK

|                           |                           |
|---------------------------|---------------------------|
| Appearance.....           | Clear, water white liquid |
| Odor.....                 | Slight                    |
| pH.....                   | 10.5 - 11.5               |
| Specific gravity.....     | 1.01                      |
| Solubility in water.....  | Disperses / Emulsifies    |
| Hard water tolerance..... | Excellent                 |
| Viscosity.....            | Same as water             |
| Percent Volatile .....    | 10-30%                    |
| Butyl Cellosolve.....     | None                      |
| Flash point.....          | > 200 deg. F              |
| Storage Stability.....    | Excellent, 1 year minimum |

#### HMIS RATINGS

|          |          |                     |          |
|----------|----------|---------------------|----------|
| Health   | <b>1</b> | Flammability        | <b>0</b> |
| Phys Haz | <b>0</b> | Personal Protection | <b>X</b> |

#### PACKAGING

55 gallon, JBC25191

