

# INTEK

## industrial solutions

- **SAFE**
- **EFFECTIVE**
- **ECONOMICAL**

### INTEK-747

is designed to disintegrate and dissolve barium, strontium and radium sulfate scales<sup>1</sup>, as well as some other types of inorganic scales, including aluminum and magnesium compounds, without harming underlying materials of construction.

**INTEK-747** is a blend of polycarboxylic organic compounds designed to remove sulfate scales by slowly disintegrating the hard scale into fine particles and then dissolving them. This process also releases and disperses other highly insoluble material entrapped in the scale matrix.

#### Features

- Effective with hard water
- Nonflammable
- Passivates base metal
- Effective with oily scales
- Nonvolatile
- Biodegradable

#### Applications

**INTEK-747** can be used on a variety of metals, including mild and high carbon steels, stainless steels, titanium, copper, copper-nickel, bronze, aluminum, Monel and Inconel. It can also be used on most synthetics and nonmetallics.

#### INTEK-747 is ideal for use on the following:

- Oilfield equipment, valves, pumps, etc.
- Oil wells and tubulars
- Hydrocarbon transmission tubulars
- Filters and strainers
- Papermaking equipment and felts
- Evaporator and heat exchangers
- Geothermal energy recovery systems

#### PHYSICAL & CHEMICAL PROPERTIES

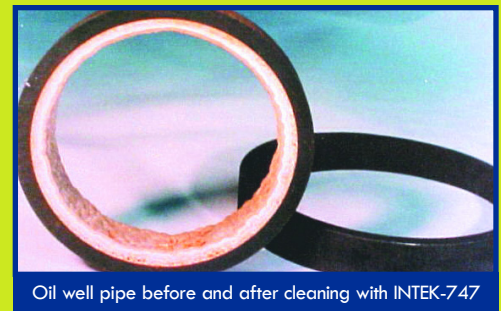
Boiling Point.....	217.4
Vapor Density (Air=1).....	1.01
pH.....	11.3±1
Specific Gravity.....	1.39 ±1
Evaporation Rate (H <sub>2</sub> O)=1).....	1.0
Freezing Point (°F).....	21.6
Appearance.....	Amber liquid
Odor.....	None
Vapor Pressure (mm Hg).....	118
Volatility Volume (%).....	<43
Solubility on Water.....	100%

## INTEK-747

### BENEFITS

- Can be used with fresh or sea water<sup>2</sup>
- Safe for the environment
- Does not bioconcentrate
- No need to remove oils before use<sup>3</sup>
- Not a fire hazard
- No fumes or objectionable odors
- Minimal evaporation loss
- Compatible with most metals and alloys<sup>4</sup>
- Compatible with most synthetics and nonmetallics
- Discharge of uncontaminated product is acceptable at most sewage treatment facilities

1. For calcium sulfate removal, use INTEK-Hx (CS) Product Bulletin ([www.intekmarine.com](http://www.intekmarine.com))
2. INTEK-747 is most effective when used in a 25-30% (by volume) solution with fresh water. Sea or brackish water may also be used, but requires a higher concentration to be equally effective.
3. INTEK-747 is designed to remove most oils; however, if a large amount of heavy oil or grease) are present, pre-cede the use of INTEK-747 with INTEK Marine Clean.
4. Do not use on galvanized surfaces (zinc) or magnesium.



Oil well pipe before and after cleaning with INTEK-747



[www.IntekTechnology.com](http://www.IntekTechnology.com)

**INTEK Technology**

10472 Armstrong Street, Suite 100, Fairfax VA 22030

Toll Free: 1-877-4INTEK3