

# ECO-FLASH

## LIQUID DESCALERS AND DEGREASER

### Technical Bulletin

**ECO-FLASH** is a powerful combination of non-aromatic and aromatic terpene hydrocarbon solvents, natural active tense agent, with extraordinary properties of oil and grease solvent. It works quickly and requires less contact time than using strip agents of acid solvents. The solvent **ECO-FLASH** is especially effective for removing the fat, clay and synthetic oil waste on the pipes before making the liner packed with gravel and others that may lead greasy waste to the productive formation. It does not contain BTEX compounds, i.e. benzene, toluene, ethylbenzene and xylene.

#### Typical physical properties

Physical appearance .....	Clear amber liquid
Odor .....	pleasant citric,
Specific gravity .....	0.90 (68°F) (20 °C)
Solubility (water) .....	Soluble
Solubility (Synthetic Paraffin-) .....	Soluble
Flashpoint .....	124 ° F (51 °C) (PMCC)
PH (20 °C) .....	3-5

#### Applications

**ECO-FLASH** can be used without dilution or as dispersion additive in fresh water or sea water. The dispersed solution must be continuously mixed while being pumped. Must be used a volume enough to allow at least 5 minutes of contact. The pumping speed should be designed in order to produce a turbulent flow.

Especially develop for work over operations.

#### Benefits

- \* Excellent spacer to remove grease or oil from tubes
- \* Nice smell
- \* Immiscible with salt water



Injection and Environmental Products

- \* Does not contain BETX compounds
- \* The used product can be process with the produced crude oil
- \* Can be used without mixing or dilution.

### **Toxicity and Management**

Use as an industrial chemical, using personal protective equipment and follow the precautions in Safety Data Sheet Materials (MSDS).

### **Packaging and storage**

**ECO-FLASH** comes in buckets of 5.25 gallons (20 L). Store in a dry area, away from ignition or heat sources; minimize the presence of dust.

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*Injection and Environmental Products*