Cleaning solvents

Gritene®EG

GRITENE®EG: FOR THE MAINTENANCE OF REFRIGERATION EQUIPMENT.

GRITENE®EG is a blend specially developed for cleaning, degreasing and drying equipment of refrigeration systems or other similar equipment.

GRITENE®EG can penetrate by capillary action into the pores and crevices of the material thanks to its low surface tension, which allows it to extract moisture and residues. Its volatility facilitates its elimination by evaporation in vacuum circuits and by nitrogen entrainment.

Advantages:

- GWP <150
- Low vaporization temperature
- Quick evaporation
- Great humidity drag capacity
- Elimination of acidity
- Low surface tension
- Non flammable*
- Non toxic
- High stability

Physico-Chemical Properties at T=25ºC

• Initial boiling point:	42.6 ºC
• Vapor pressure:	0.54 bar
• Relative density:	1.26
• Hydrosolubility:	low <10%
• Viscosity:	0.40 m·Pa·s
• Heat of vaporization:	268 kJ/kg

**Pensky-Martens closed cup test*

Safety and storage:

Due to its composition, **GRITENE®EG** is considered a harmful product by inhalation but **non toxic**.

Avoid contact with skin and eyes as well as inhalation of fumes. It's recommended to use in a well-ventilated place. Always use gloves and safety glasses during its use.

Transport: the product is considered not dangerous according to transport regulations.

Storage: should be stocked below 25ºC, in a fresh and ventilated place away from heat sources. You may use the product in its original packaging and always well tighten.

Materials compatibility:

Plastic compatibility*

Acetal	Polyetherimide	Polysulfone
Epoxy	Polyethylene (HDPE)	PVC
Glass fiber	Polyethylene (LDPE)	PVDF
Hypalon	Polymide	Viton® A/B
PBT	Polyphenylene oxide	Viton® G/F
Phenolic resins	Polyphenylene sulfide	
Polycarbonate	Polypropylene	

Elastomer compatibility*

Buna N (Nitrile)
Buna S
Fluoroelastomer
Polysulphate

**Immersion at room temperature for 6h*

Incompatible materials: strong bases and strong oxidative agents. Keep away from these materials to avoid exothermic reactions.

Use:

- It is recommended for use preferably in closed systems and in adequately ventilated premises.
- The operation time will depend on the installation that is going to be treated and should be optimized in all cases; nevertheless, the process should last just a few minutes.
- If any part of the installation is made out of synthetic material, we recommend making a pre-test of chemical compatibility with the product.
- This product has been developed for its use in refrigeration circuits. The cleaning process should not exceed a few minutes; its mission is the cleaning and evaporation without residue.
- In case of any doubt, please contact your provider.

All statements, technical information and recommendations mentioned in this document are based on the tests, best practices and experiences of GRIT SL. Many factors may influence the use or performance of the product (time of use, environmental conditions). It is therefore necessary for the user to assess whether GRITENE®EG adapts to its needs.

Normative:

GRIT (Gases Research Innovation & Technology) is committed to the continuous improvement of our inbuilt Quality Control, Environment and Major Accident Prevention Systems as well as close collaboration with our product and service providers. The scope of the system includes the packaging, commercialisation, storage and innovation of technical gases and the management of residual fluorinated gas and halogenated solvents.

All this work is reflected in our certificates ISO 9001 & ISO 14001. GRIT also meets AHRI 700 standard for new and recycled refrigerants.

More information:

If you want more information about our products, contact us.

EUROPE — GRIT, Gases Research Innovation & Technology

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