PRODUCT DESCRIPTION

INVINO-820C is a modified polysiloxane defoamer designed for alkanolamine gas scrubbing and amine gas treating systems.

The product provides effective foam control performance under dynamic circulation conditions, especially suitable for natural gas desulfurization and decarbonization processes.

TYPICAL PHYSICAL PROPERTIES

Appearance	White to pale yellow emulsion
Ionic Type of Emulsion	Weak anion
PH	6.0-8.0
Solid Content（%）	20.0±1.0
Viscosity (mPa·s, 25°C)	>500

APPLICATIONS

- Amine gas treating systems
- Natural gas desulfurization and decarbonization systems
- MDEA gas treating applications
- Refinery gas processing systems

FEATURES & BENEFITS

- Effective foam suppression under amine circulation conditions
- Excellent compatibility with alkanolamine systems
- Stable performance under high temperature and shear conditions
- Suitable for continuous gas treating operations
- Good resistance to alkali and process fluctuations

RECOMMENDED DOSAGE

- Typical dosage is between 5–100 ppm depending on gas treating conditions and foam severity.

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- The optimum dosage should be determined according to the amine system and circulation conditions.

HANDLING AND STORAGE

- Store in a cool, dry, and well-ventilated place
- Keep container tightly closed
- Avoid freezing
- Recommended storage temperature: 0–40°C
- Avoid contact with eyes and skin
- Please refer to the latest MSDS for safety information

PACKAGE

- 25 kg plastic drum
- 200 kg plastic drum
- 1000 kg IBC

SHELF LIFE

- 12 months from date of manufacture when stored in original unopened packaging.

DISCLAIMER

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INVINO-1062

Technical Data Sheet

PRODUCT DESCRIPTION

INVINO-1062 is defoamer prepared by a variety of polyetherol, silicone grease and other low-surface active integrient. INVINO-1062 has excellent stability at wide range of temperature, which can well control the bubble in the delayed coking process, and at the same time improve the equipment utilization without affecting the quality of the oil output oil.

TYPICAL PHYSICAL PROPERTIES

Appearance	Light yellow transparent liquid
Ionic Type of Emulsion	Nonionic
PH	6.0-8.0
Solid Content（%）	10.0±1.0
Viscosity (mPa·s, 25°C)	100-200

APPLICATIONS

- Delayed coking

FEATURES & BENEFITS

- Good high temperature stability, suitable for high temperature system
- Quickly eliminate foam and suppress foam for a long time
- Low silicon product, does not affect the output oil

RECOMMENDED DOSAGE

- INVINO-1062 can be used directly or after dilution.
- It is recommended to use a metering pump for continuous addition. Generally speaking, the recommended addition amount is 0.01~0.3% to effectively eliminate and prevent the regeneration of foam, but the optimal addition amount should be determined through on-site debugging.

HANDLING AND STORAGE

- Store in a cool, dry, and well-ventilated place

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- Keep container tightly closed
- Avoid freezing
- Recommended storage temperature: 0–40°C
- Avoid contact with eyes and skin
- Please refer to the latest MSDS for safety information

PACKAGE

- 25 kg plastic drum
- 200 kg plastic drum
- 1000 kg IBC

SHELF LIFE

- 12 months from date of manufacture when stored in original unopened packaging.

DISCLAIMER

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INVINO-1080

Technical Data Sheet

PRODUCT DESCRIPTION

INVINO-1080 consists of special polyether silicon, silicone grease, fumed silica and emulsifiers. It can effectively control the stable foam formed by the minerals, organic matter, and foam agents in the process of drainage and gas collection. It has the characteristics of "three resistance" of oil resistance, acid and alkali, and mineralization.

TYPICAL PHYSICAL PROPERTIES

Appearance	Emulsion
Ionic Type of Emulsion	Weak anion
PH	7.0-9.0
Viscosity (cps)	800-2000
Density (g/cm³, 25℃)	1.0-1.1

APPLICATIONS

- In the process of drainage and gas collection

FEATURES & BENEFITS

- The foaming speed is fast, the bubble is strong, and the amount is small.
- Differentians are excellent.
- Non -toxic and high safety.

RECOMMENDED DOSAGE

- Add point: The air pipeline or gas collecting station exchange pipeline;
- Add method: Intermittently impacts or continuously submit or measuring pump continuous investment;
- Add dose: 0.01%-0.5%.

HANDLING AND STORAGE

- Store in a cool, dry, and well-ventilated place

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- Keep container tightly closed
- Avoid freezing
- Recommended storage temperature: 0–40°C
- Avoid contact with eyes and skin
- Please refer to the latest MSDS for safety information

PACKAGE

- 25 kg plastic drum
- 200 kg plastic drum
- 1000 kg IBC

SHELF LIFE

- 12 months from date of manufacture when stored in original unopened packaging.

DISCLAIMER

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INVINO-2430

Technical Data Sheet

Silicone Emulsion Defoamer

PRODUCT DESCRIPTION

INVINO-2430 is a highly effective defoaming agent for aqueous systems. It has rapid defoaming efficacy in a wide range of pH and temperature, and has a long-lasting antifoaming effect.

TECHENICAL DATA SHEET

Appearance	White to pale yellow emulsion
Ionic Type of Emulsion	Weak anion
PH	6.0-8.0
Solid Content（%）	30.0±1.0
Viscosity (mPa·s, 25°C)	>500

APPLICATIONS

- Water-based drilling fluid systems
- Well cementing systems
- Slurry circulation systems
- Oilfield process applications

FEATURES & BENEFITS

- Rapid foam suppression
- Good compatibility with drilling fluid systems
- Stable performance under dynamic circulation conditions
- Suitable for high-solid slurry systems
- Effective under a wide range of pH and temperature conditions

RECOMMENDED DOSAGE

- The product can be added directly into the drilling fluid system or diluted before use.

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- Typical dosage should be determined according to the drilling conditions, slurry properties, and foam severity.
- Continuous addition by metering pump is recommended for dynamic circulation systems.

HANDLING AND STORAGE

- Store in a cool, dry, and well-ventilated place
- Keep container tightly closed
- Avoid freezing
- Recommended storage temperature: 0–40°C
- Avoid contact with eyes and skin
- Please refer to the latest MSDS for safety information

PACKAGE

- 25 kg plastic drum
- 200 kg plastic drum
- 1000 kg IBC

SHELF LIFE

- 12 months from date of manufacture when stored in original unopened packaging.

DISCLAIMER

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INVINO-5023

Technical Data Sheet

PRODUCT DESCRIPTION

INVINO-5023 is a modified silicone compound defoamer designed for water-based drilling fluid and slurry circulation systems.

The product provides balanced foam control performance with rapid foam suppression and long-lasting antifoaming capability under dynamic circulation conditions.

TYPICAL PHYSICAL PROPERTIES

Appearance	White to pale yellow emulsion
Density(25℃,g/cm³)	0.9-1.0
PH	6.0-8.0
Viscosity (mPa·s, 25°C)	>500
Solid Content（%）	25.0±1.0

APPLICATIONS

- Water-based drilling fluid systems
- Slurry circulation systems
- Well cementing systems
- Oil &Gas

FEATURES & BENEFITS

- Balanced defoaming and antifoaming performance
- Good compatibility with drilling fluid systems
- Stable performance under dynamic circulation conditions
- Suitable for high-solid slurry systems
- Effective under a wide range of pH and temperature conditions

RECOMMENDED DOSAGE

- Typical dosage is between 50–500 ppm depending on drilling conditions, slurry properties, and foam severity.

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- The optimum dosage should be determined through preliminary field testing.

HANDLING AND STORAGE

- Store in a cool, dry, and well-ventilated place
- Keep container tightly closed
- Avoid freezing
- Recommended storage temperature: 0–40°C
- Avoid contact with eyes and skin
- Please refer to the latest MSDS for safety information

PACKAGE

- 25 kg plastic drum
- 200 kg plastic drum
- 1000 kg IBC

SHELF LIFE

- 12 months from date of manufacture when stored in original unopened packaging.

DISCLAIMER

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