

MSDS (MATERIAL SAFETY DATA SHEET)

CG610

SECTION 1: PRODUCT NAME

PRODUCT NAME: CG610 Cementing Fluid loss additive

SECTION 2: HAZARDS IDENTIFICATION

CHARACTERISTICS: Nonflammable and inexplusive.

HEALTH HAZARDS: Irritate eye and skin slightly; Cause irritation of the mucosal and upper respiratory tract.

ENVIROMENTAL HAZARDS: Slightly toxic to fish and animal.

SPECIAL ATTENTION: None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Type	INGREDIENT NAME	COMPOSITION	CAS NO.
CG610L	Copolymer	16-30%	/
	Water	70-84%	7732-18-5
CG610S-P	Copolymer	98%	/
	Water	2%	7732-18-5
CG610S-D	Copolymer	35-80%	/
	Slag	20-65%	/
CG610S-T	Copolymer	35-80%	/
	Sodium Chloride	20-65%	7647-14-5

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Put off contaminated clothing, rinse with soapy and clean flowing water.

EYE CONTACT: Raise the eyelid. Rinse it with plenty of clean flowing water and physiological saline. Consult a doctor if irritation occurs.

INGESTION: Drink plenty of water to induce vomiting; If be uncomfortable, consult a doctor please.

INHALATION: Escape to fresh air; If have breathing difficulties, consult a doctor.

SPECIAL ATTENTION: None.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY: See section 9(Physical and Chemical Properties).

FIRE FIGHTING MEDIUM: Foam, dry powder, carbon dioxide, water.

SPECIAL FIRE-FIGHTING EQUIPMENTS: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECATIONALS: Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection).

SPILL: Collect the most of leakage, clean the site of leakage.

WASTE TREATMENT METHODS: Be properly buried or handled according to local environment requirement.

PACKING TREATMENT METHODS: Transferred to the dumping site for proper disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep the containers closed when not in use. Do not get in eyes, on skin. Wear proper personal protection.

STORAGE ATTENTION: Stored in a dry cool place, prevented from the sun and rain, kept away from the heat and fire and incompatible materials.

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SPECIAL ATTENTION: None.

SECTION 8: ESPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROL: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors or particles below their respective threshold limit value.

RESPIRATORY PROTECTION: Wear dusk mask.

SKIN PROTECTION: Wear standard protective clothing and gloves.

EYE PROTECTION: Wear chemical splash goggles.

SPECIAL ATTENTION: Smoking, food and water drinking are all forbidden.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Item	CG610L (-A)	CG610S-P	CG610S-D	CG610S-T
COLOR	White or faint yellow	White or faint yellow	Grey	White or faint yellow
PHYSICAL STATE	Liquid	powder	powder	powder
RELATIVE DENSITY(water equal to 1)	Standard type : 1.10 ± 0.05 Anti-freeze type : 1.15 ± 0.05	——	——	——
BULK DENSITY, g/cm³	——	0.80 ± 0.20	0.90 ± 0.10	0.90 ± 0.10
ODOR	Slightly pungent	Slightly pungent	Slightly pungent	Slightly pungent
WATER SOLUBILITY	Soluble in water	Soluble in water	Partly Soluble in water	Soluble in water

SECTION 10: STABILITY AND REACTIVITY

AVIOD: Open fire, High temperature.

INCOMPATIBLE MATERIAL: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11: TOXICOLOGICAL INFORMATION

INVASIVE ROUTE: Accidental inhalation or ingestion.

HEALTH HAZARD: Careless ingestion has a stimulating effect on the oral cavity and stomach.

SKIN CONTACT: Contact with skin for a long time, slightly induce skin redness.

EYE CONTACT: Induce eye irritant.

INGESTION: Lead to nausea and vomiting.

INHALATION: Lead to cough and prickle.

CARCINOGENICITY: None.

SPECIAL REMIND: None.

SECTION 12: ECOLOGICAL INFORMATION

BIODEGRADABLE: Not available.

ECOTOXICITY: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHOD: Be properly buried or handled according to local environment requirement.

PACKING TREATMENT METHOD: Transferred to the dumping site for proper disposal.

SECTION 14: TRANSPORT INFORMATION

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This product is not included in the dangerous goods transport international regulations(IMDG,IATA,ADR/RID)

PACKAGE Liquid-Plastic barrel, Powder-bag.

SECTION 15: REGULATORY INFORMATION

The Management Regulations of Dangerous Chemicals Management

The Practical Detailed Rules and Regulation for Dangerous Chemicals Management

The Classification and mark of Common Chemical Products (GB 13690-2009)

The General Rule of Common Chemical Products (GB15603-1995)

The Technology Conditions for the Packing Marks for Hazardous Cargo (GB 12463 -1990)

SECTION 16: OTHER INFORMATION

RELEASE DATE: 05/08/2003.

REVISION DATE: 10/14/2022.

SUGGEST FOR AND USED RESTRICTIONS: The product is to be used in applications consistent with our product literature. This product is applied to industry only.