



CALCIUM CHLORIDE (77%) FLAKE

DESCRIPTION

Calcium Chloride (77%) Flake ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$) is a basic manufactured salt, which is hygroscopic and highly soluble in water.

PROPERTIES

Physical		Chemical	
Appearance:	Small white flakes	Type:	Salt
Specific Gravity:	1.85	Solubility:	Soluble (Water 98g/100ml)
Melting Point:	176°C	pH:	7.0-10.0
Flash Point:	Not applicable	Microtox:	Not applicable

APPLICATION

Calcium Chloride (77%) Flake has a wide variety of oilfield uses. It is used as:

- a salinity source in oil muds (**only when pre-dissolved in water**)
- a flocculant for clear water drilling
- a completion/work over fluid
- a packer fluid
- an accelerator for oil well cement (up to 4% wt. cement)

MIXING AND HANDLING

Calcium Chloride (77%) Flake can be added directly through the hopper or predissolved in a chemical barrel or cement mix-water tank prior to use.

Use good industrial hygiene practices to avoid eye and excess skin contact. Wear a protective dust mask and goggles when handling and mixing. Store in a cool, dry place and keep container tightly closed when not in use. Failure to store material properly may result in caking or wetness from atmospheric moisture.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 40 kg sack
-------------------------------------	---------------------------	------------------------------