



Octodry 70

CHEMICAL DESCRIPTION: Sodium dioctyl sulfosuccinate
(CAS # 577-11-7)

PHYSICAL FORM: clear liquid solution in water and alcohol

PRODUCT SPECIFICATIONS		METHODS
Activity	69.0 - 71.0 %	SFC-080
pH	5.0 - 7.0	PHC-010
Density	8.8 - 9.1 lbs./gal.	WGC-320
Viscosity	200 - 400 cps.	VDC-070
Cloud Point	32 deg. F.	CPC-170

PRODUCT DESCRIPTION:

Octodry 70 is a highly effective wetting agent and surface tension depressant designed for use as a dewatering treatment for mineral filter cakes. It is recommended for use primarily in the filtration of coal concentrates and tailings, and iron ore and mineral sulfide concentrates such as copper, zinc, lead, and molybdenum. The use of Octodry 70 dewatering aid quickly eliminates retained moisture, yielding improved cake texture requiring less drying.

Nuisance or explosive dusts arising in the areas of mining or milling operations can be controlled by water sprays of dilute solutions of Octodry. Effective wetting of dusts can be achieved with concentrations of 0.01 - 0.05% Octodry in water. Work surfaces as well as dusty materials may be sprayed during handling, reducing airborne particles and product loss. To prepare a 1% stock solution, mix 1.43 parts of the Octodry 70 with an equal amount of ethanol, then dilute with water to make 100 parts total. Use the stock solution to prepare final spray dilution; apply this spray as needed; frequency of spraying will be determined by the particular rate of activity and other factors such as temperature and air circulation.

Octodry 70 is a clear, low viscosity liquid easily dispersible in water. It is biodegradable and is readily decomposed with lime or other high pH systems. Octodry remains fluid at temperatures as low as 20 degrees Fahrenheit; however, cloud point may vary slightly. All ingredients of Octodry are listed in the TSCA Chemical Substance Inventory.

STORAGE AND HANDLING:

Octodry is available in 55 gallon metal drums. For bulk storage, stainless steel tanks are recommended. Do not store in high heat areas, or near fire or open flame. Octodry should not be stored at temperatures below 32 degrees Fahrenheit. Use proper bonding and grounding during liquid transfer as described in National Fire Protection Association document NFPA 77.

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.