



Danafloat™ 262 mineral collector

Application

Danafloat 262 is a water-insoluble collector of the thionocarbamate type.

Danafloat 262 has no frother action, and because of the water-insolubility it is often added to the grinding circuit. To increase the dispersion into the pulp *Danafloat 262* can be added as an emulsion with a carrier liquid such as a frother.

Because of the high selectivity over pyrite, the main application of *Danafloat 262* is in the flotation of copper sulphides and Cu-activated sphalerite.

Danafloat 262 is a very powerful collector which can operate in the pH range of 4-12. It is a fast collector and produces moderate recovery in many applications.

Danafloat 262 is subject to overdosing and should be used in smaller quantities than xanthates. Many operators prefer to use *Danafloat 262* as a primary collector and xanthate as a scavenger collector.

Composition

Chemical name:	thionocarbamate
CAS name:	Carbamothioic acid, ethyl-, O-(1-methyl ethyl) ester
Active ingredient:	approx. 93-98% by weight

Physical properties

Appearance:	Yellow to reddish brown
Form:	Liquid (aqueous solution)
Boiling point:	Approx. 217 degrees C
Melting/freezing point:	–
Specific gravity:	0.98 g/ml
Flash point:	Above 65 degrees C



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danafloat.com**Safety and handling**

Danafloat flotation collectors are manufactured under carefully controlled conditions. However, to varying degrees they can be considered harmful and therefore before handling this product always carefully read and understand the MSDS for this product.

On prolonged contact *Danafloat 262* causes irritation to skin and mucous membranes.

Safe handling includes the use of safety glasses, natural rubber gloves and protective clothing. Additionally, avoid inhalation of vapours.

Storage

- + Store in a dry and well-ventilated place away from heat and sunlight after the principle "first in/first out"
- + Store in plastic drums or coated steel drums

Environmental impact

Danafloat 262 is biodegradable. The majority of the collector is tied up with the concentrate and is destroyed in the subsequent

processing operations. The remainder is transferred to the tailings. Release into the water systems should be avoided.

Packing

Danafloat mineral collectors are supplied in tank containers or plastic drums. If preferred, *Danafloat* collectors may be supplied in coated steel drums.

Tank containers	Net weight:	approx. 20 mt
IBC containers	Net weight:	1,000-1,075 kg
	Gross weight:	approx. 1,059-1,134 kg

Notice to customer: The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Cheminova A/S 2011