Please direct inquiries to:

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ORFOM® MCO Collector

ORFOM® MCO is a non-polar, complex hydrocarbon collector that is highly effective for molybdenite. It is used as a primary collector in both primary and by-product molybdenite ores. It can be used with all conventional collectors and is stable over a wide pH range. Mill tests have indicated that Orfom® MCO can improve molybdenum recovery and is more selective than fuel oil, diesel, and other types of oil products. It should be added to the primary grinding stage for maximum effectiveness.

APPLICATION: ORFOM® MCO should be added to the primary ball mill or rod mill grinding stage. Recommended starting dosage rates:

For copper/molybdenum porphyry ores	0.01 - 0.04 lbs/ton of ore (5 - 20 g/metric ton).
For primary molybdenum ore	0.1 - 0.3 lbs/ton of ore (50 - 150 g/metric ton).

BENEFITS: ORFOM® MCO improves recovery of molybdenite in copper/molybdenum porphyry ores and by primary molybdenite ores.

AVAILABILITY: ORFOM® MCO collector is currently available in drum, tank truck, and tank car quantities.

MATERIAL HANDLING: Refer to the Material Safety Data Sheet for complete safety and health information.

Typical Composition (1)	Value
Specific Gravity, 60°F (15.6°C), gm/cc	0.994
Pounds per Gallon	8.3
Flash Point, TCC (°F/°C)	195/ 91
Pour Point, (°F/°C)	25 / -4
Viscosity, cSt @ 70°F/21°C	34.4
Solubility in Water	Negligible
Appearance and Odor	Amber color/ slight odor

(1) Not tested for or reported for individual lots. For informational purposes only.

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.