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ORFOM[®] DNOS, Developmental (di-normal octyl sulfide)

ORFOM[®] DNOS is high purity di-normal-octyl sulfide which has found application as an extractant in solvent extraction processes for the separation of palladium from other platinum group metals. Literature references indicate DNOS is useful for separating gold from other metals. The high purity of Orfom[®] DNOS leads to enhanced circuit performance due to reduced interference from mercaptans and other sulfur containing species.

APPLICATION: ORFOM[®] DNOS is a high-performance extractant for recovery of Pd from chloride leach solutions by the solvent extraction processes. The concentration of Orfom DNOS will depend on the operating conditions of the circuit.

BENEFITS: ORFOM[®] DNOS is low odor high purity di-normal octyl sulfide. The high purity enhances solvent extraction circuit performance due to reduced interference from mercaptans and other sulfur species that precipitate or otherwise interfere with the extraction process.

AVAILABILITY: ORFOM[®] DNOS in drum quantities.

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

Typical Composition (1)	Value
Density (kg/l) at 68 °F (20 °C)	0.84
Flash Point	
Minimum TCC (ASTM D92), °F (°C)	300 (149)
Typical TCC (ASTM D92), °F (°C)	> 320 (160)
Composition, Typical Volume %	
Di-n-octyl Sulfide	99

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

MSDS # 689640

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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.