

PSAIL® PS20A is an efficient extreme pressure additive for lubricating oils, widely used in pure and emulsified oil formulations, and is a highly effective dialkyl polysulfide. This product is soluble in mineral oils, synthetic base oils, and most common solvents. It is insoluble in water.

CHEMICAL COMPOSITION

Inactive long-chain alkyl polysulfide

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Colorless to light yellow liquid	Visual inspection
Density at 20°C, g/cm ³	0.90	GB/T 1884
Viscosity at 40°C, mm ² /s	5.2	GB/T 265
Flash point open cup, °C	170.0	GB/T 3536
Sulfur content, %	22.0	SH/T 0303
Copper corrosion, 100°C/3h	1b	GB/T 5096

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Very low odor, contains no chloride impurities or unsaturated hydrocarbons
- No corrosive to copper and other metals

APPLICATION

- Pure and emulsified oil formulations for processing copper and copper alloys
- Gear oil, EP ester
- Cold rolling oil

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding

PACKAGING AND STORAGE

Packaging	50kg plastic drum or 170kg steel drum (Net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **PSAIL® PS20A**.

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