UNPCHEMICALS

EXTREME PRESSURE ANTI-WEAR AGENTS

PSAIL® SERIES

Luoyang Pacific United Petrochemical Co., Ltd.
UNPChemicals
No. 113, Huayang Avenue, Baihe Town,
Mengjin District, Luoyang City
Henan Province, China
+86-379-67877555 sales@unpchemicals.com
www.unpchemicals.com

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℃, g/cm^3	0.90	GB/T 1884
Viscosity at 40℃, mm^2/s	5.2	GB/T 265
Flash point open cup, ℃	170.0	GB/T 3536
Sulfur content, %	22.0	SH/T 0303
Copper corrosion, 100℃/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*.

Luoyang Pacific United Petrochemical Co., Ltd. (UNPChemicals) hopes that the information provided will be helpful to you. The information provided in this document has been prepared by technicians and is true and accurate as of the date of this document. However, please note that the conditions of your use and application of our products, technical assistance and information (whether orally, in writing or through product evaluation), including any suggested formulations and recommendations, are outside our control. UNPChemicals makes no representations, warranties or warranties (whether express, implied, statutory or otherwise), or implied warranties as to the completeness, accuracy or timeliness of any information. It is therefore important that you test our products, technical assistance and information, including how they are packaged, to determine their performance, efficacy and safety. You are solely responsible for the performance, efficacy and safety of any products you produce. UNPChemicals assumes no liability and you bear all risks and liabilities for any use or handling of any material. Nothing in this document should be interpreted as suggesting the use of any product that conflicts with the patent covering any material or its use. No license is implied or granted under the claims of any patent. We will provide consistent quality products within our sales conditions.