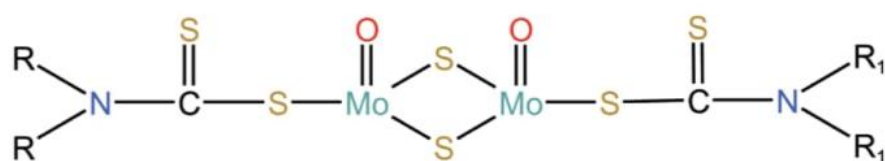


**MSAIL® 525A** as a non-phosphorus liquid organic molybdenum friction modifier, can greatly reduce the friction coefficient of oil products, and has many other functions such as anti-wear and anti-oxidation. It is widely used in internal-combustion engine oil, various industrial lubricating oils, pure oil metalworking fluid, grease, etc.

## CHEMICAL COMPOSITION



Molybdenum dithiocarbamate (MoDTC)

CAS No.: 253873-83-5

## TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Brown green liquid	Visual inspection
Density at 20°C, g/cm <sup>3</sup>	1.05	GB/T1884-2000
Viscosity at 100°C, mm <sup>2</sup> /s	27.1	GB/T 265-1988
Flash point open cup, °C	135	GB/T 3536-2008
Molybdenum content, %	10	NB/SH/T 0824-2010
Sulfur content, %	11	NB/SH/T 0824-2010
Nitrogen content, %	1.5	NB/SH/T 0656-2017

Note: The above analytical data are not specifications

## PERFORMANCE CHARACTERISTICS

- High molybdenum content, no phosphorus content
- High hydrolysis stability, high thermal stability
- Less odor, good oil solubility
- Excellent friction-reducing performance, anti-wear, anti-oxidation performance
- Excellent synergistic performance

## **APPLICATION**

- Internal-combustion engine oil
- Various industrial lubricating oils
- Pure oil type metalworking fluids
- Lubricating grease

## **USAGE METHOD**

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.2-3.0%

## **RELATIVE PRODUCTS**

- SAKURA LUBE 525

## **PACKAGING AND STORAGE**

<b>Packaging</b>	50kg plastic drum or 200kg steel drum (Net weight)
<b>Storage conditions</b>	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 **MSAIL® 525A**.

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