UNPCHEMICALS

METAL DEACTIVATOR

***CSAIL*® TRIAZOLE TYPE**

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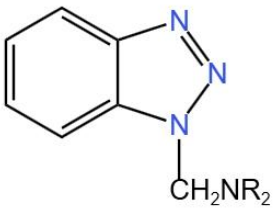
CSAIL® T551 is a benzotriazole derivative, oil-soluble metal deactivator, which has a prominent synergistic effect on inhibiting the catalytic effect of metal ions on the oxidation of oil products, improving the antioxidant capacity of oil products, and extending the service life of oil products. It can form an inert film on the metal surface or form a Chelation compound with metal ions to prevent the oxidation of metal. It has a good synergistic effect when used in combination with antioxidants such as T501.

CHEMICAL COMPOSITION



Benzotriazole derivatives (T551) CAS No.: 15497-45-7

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Yellow to reddish brown transparent liquid	Visual inspection
Density at 20℃, g/cm^3	1.00	GB/T 1884
Viscosity at 50℃, mm^2/s	10.2	GB/T 265
Base number, mgKOH/g	221.0	SH/T 0251
Flash point open cup, ℃	160.0	GB/T 3536

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Excellent antioxidant performance and copper corrosion inhibition performance
- Low dosage

APPLICATION

- Various lubricating oils, greases

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.03%-0.05%

RELATIVE PRODUCTS

- T551

PACKAGING AND STORAGE

Packaging	50kg plastic drum or 180kg 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 *CSAIL®T551*.

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