

# Methyl Soyate

Methyl Soyate is listed in the METHYL ESTERS range for advanced industrial ester and formulation enquiries.

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|-------------------|----------------------------|
| DOCUMENT TYPE     | Technical Data Sheet (TDS) |
| PRODUCT CODE      | ADT-CAT-203                |
| DOCUMENT TITLE    | ADTEC 180 MS - TDS         |
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| REGION / LANGUAGE | Global / English           |

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**ADTEC 180 MS**  
**SOYBEAN OIL, M'ESTER**  
**CAS NO: 67784-80-9**

### PRODUCT DESCRIPTION

ADTEC 180 MS (Methyl Soyate) is an Eco-Friendly product and is methyl ester derived from soybean oil. It contains a mixture of long chain fatty acids (both saturated and unsaturated).

### PROPERTIES

| Parameter                       | Typical values |
|---------------------------------|----------------|
| Viscosity 25°C, cPs             | 7.0            |
| Total Acid Number, mg KOH/g     | 3.0 max        |
| Saponification Number, mg KOH/g | 190-210        |
| Color, ASTM                     | 4.0 max        |
| Flash Point, °C                 | 150 min        |
| Pour Point, °F                  | 29.1 max       |
| Cloud Point, °F                 | 30 max         |

### APPLICATION

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- |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Sustainable alternative to petroleum-based solvents.</li><li>• Works as a lubricating agent and replaces naphtha/mineral spirits.</li><li>• High flash point, low VOCs, and low toxicity.</li></ul> | <ul style="list-style-type: none"><li>• Used in thinners, adhesive removers, mold release agents, and cleaners.</li><li>• Suitable for waterless hand cleaners, floor scrubbers, and ink removers.</li><li>• Fits low-VOC paints, coatings, and eco-friendly cleaning products.</li></ul> |
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### STORAGE

Store in a cool, dry, well-ventilated area. Keep containers tightly closed.

### SHELF LIFE

24 months from the manufacturing date when stored in original, unopened containers.

### PACKAGING

Available in bulk tank trucks and iso-containers or packaged in 55-gallon steel drums and 5-gallon pails

## **PRECAUTIONARY STATEMENT**

Polyrheo maintains up-to-date Safety Data Sheets (SDS) on all its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

## **NOTES**

The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of Polyrheo as to the intended use.

For additional technical, sales and order assistance: [sales@polyrheo.com](mailto:sales@polyrheo.com)