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[Molybdenum Trioxide](#)

[EINECS Number: 215-204-7 CAS Number: 1313-27-5](#)

The purpose of the **Pre-SIEF** is for REACH Pre-Registrants to agree on **sameness** of substance.

Pre-Registrants that can agree that they have the same substance will then pass into the Substance Information Exchange Forum (SIEF) for this substance, where the data-sharing dialogue begins.

Pre-Registrants that consider they do not have the same substance will be grouped together by the Pre-SIEF Facilitator for further discussion and potential entry into sub-SIEFs or another SIEF.

Please check that your pre-registered substance matches the typical composition below. You will shortly receive an E-mail from the Molybdenum Consortium for you to take part in the '**Substance Sameness Survey**'. Your response to that survey will be your participation in the Pre-SIEF 'sameness' discussion.

Substance:	Molybdenum Trioxide
Synonyms/Trade Names:	Pure mo trioxide
Chemical Formula:	MoO ₃
TYPICAL COMPOSITION	
Parameter / Component	in % (mass)
Purity (MoO ₃ content)	min 99.0
Molybdenum	typical 66.6
Tungsten	< 0.02
Arsenic	< 0.01
Sodium	< 0.01
Potassium	< 0.01
Aluminium	< 0.01
Calcium	< 0.01
Copper	< 0.01
Iron	< 0.01
Lead	< 0.01
Sulfur	< 0.1
Silicon	< 0.1
Carbon	< 0.01
Nickel	< 0.01
Chromium	< 0.01
Magnesium	< 0.01
Tin	< 0.01

The REACH Molybdenum Consortium is an initiative of the International Molybdenum Association (IMOA)
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