

Substance	List of reported EU Uses
<p>Ammonium Dimolybdate EINECS No. 248-517-2</p>	<p>This list is a preparatory step in the process of drawing up the list of Identified Uses for inclusion in the technical dossier that MoCon is preparing for each substance listed here. This website list is a MoCon mechanism to 'capture' reported uses. The intention is to assess all responses in Q1-2010 prior to drawing up the definitive list of Identified Uses.</p> <p>January 2010 Note - please read: If you sent us your Uses only in Use Descriptor format (i.e. PROC etc codes) we are unable to add them to this list as these codes are general categories and insufficient for determining a specific use. MoCon intends to re-contact you during the first qu</p> <p>Catalyst production Corrosion Inhibitors Industrial formulation of lubricant additives, lubricants and greases General use of lubricants and greases in vehicles or machinery. Includes filling and draining of containers and enclosed machinery (including engines). Application of lubricant to open work pieces or equipment by dipping, brushing or spraying (without exposure to heat), e.g. mould releases, corrosion protection, slideways & chains. Micronutrients in fertilizers Pigments Production of pure molybdenum trioxide by calcination Reduction to molybdenum metal Surface Treatment products</p>
<p>Ammonium Heptamolybdate EINECS No. 234-722-4</p>	<p>Catalyst production Addition to ceramics Addition to sintered metal Addition to steel alloys Flame retardant Metal surface treatment Micronutrient in fertilizer Micronutrient in feed additives Production of lighting materials and their precursors Pure MoO₃ production by calcination Smoke suppressant</p>
<p>Ammonium Octamolybdate EINECS No. 235-650-6</p>	<p>Flame/Smoke Suppressor Laser imaging pigment</p>
<p>Calcium Molybdate EINECS No. 232-192-9</p>	<p>Production of roasted molybdenite concentrates Ferromolybdenum production</p>
<p>Ferromolybdenum</p>	<p>Alloying element added to molten metal in the production of: a) Al/Ti alloys b) High Speed Steels and Tool Steels c) Low Alloys d) Special Alloys e) Stainless & Special Steels f) Super Alloys Welding consumable</p>
<p>Ferromolybdenum Slags EINECS No. 282-217-2</p>	<p>Construction Aggregates Road Aggregates</p>
<p>Iron Molybdate EINECS No. 237-389-3</p>	<p>Catalyst production</p>
<p>Molybdenum Dioxide EINECS No. 242-637-9</p>	<p>Al/Ti Alloys Reduction to Mo metal Catalyst production and use As a pigment</p>
<p>Molybdenum (metal) EINECS No. 231-107-2</p>	<p>Aerospace Industry - forging dies, propulsion nozzles Titanium Alloys Alloying element added to molten metal in steel and alloy production Automotive Industry - thermal spraying, e.g. spray wire Coating Technology - sputtering targets, evaporation boats Cutting Wire CoCrMo alloys for implants Electronics - heat sinks, electron tubes Forming - extrusion dies Furnace Construction - heating elements, charge carriers Glass Fabrication - glass melting electrodes, stirrers Production component of iron alloys Laboratory analysis Lighting - ribbons, wire Medical Technology - x-ray targets Production of Lighting materials and their precursors Production of Mo/Iron powders Powder Metallurgy - hot isostatic pressing, metal injection moulding, spray coating, extrusion, centrifugal casting, plasma transferred arc welding, HVOF, flame spray welding Sintering of ferromolybdenum powder Special Alloys</p>

Pure Molybdenum Trioxide
EINECS No. 215-204-7

Steels - in solid and powder forms - high speed steels, tool steels, dual phase steels, stainless and special steels
Superalloys - in solid and powder forms
Tool steels and applications production
Welding consumables
Welding applications on corrosion resistant metal pieces

Ammonium Heptamolybdate production
Anticorrosion pigment
Reduction to Mo metal
Al/Ti Alloys
Catalyst production & use - powder, pellet, slurry
Ceramic additives
Enamel frits
Flame Retardants
Low Alloys
Manufacture of Liquid Industrial Paints
Metal surface treatment
Micronutrients
Pigments
Production of lighting materials and their precursors
Smoke suppressants
Sintered metal additives
Steel alloy production
In Water Treatment plants

Roasted Mo Concentrates
(tech oxide)
EINECS No. 289-178-0

Ammonium Dimolybdate production
Ammonium Heptamolybdate production
Al/Ti Alloys
Catalyst production
Corrosion Inhibitor production
Dual Phase steels
Ferromolybdenum Production
Flame/Smoke Suppressor production
High Speed Steel and Tool Steel production
Low Alloys
Micronutrients
Pigment production
Sodium Molybdate production
Special Alloys
Stainless & Special steels
Super Alloys
Tool steels and applications production
Tracer element in cooling towers

Sodium Molybdate
EINECS No. 231-551-7

Al/Ti Alloys
Catalyst production
Ceramics additive
Corrosion Inhibitor
Coolant Manufacturing
Detergents
Metal surface treatment
Micronutrients
Pigment production
Plastic
Raw material for anti-freezing agent
Tracer Elements: Cooling Towers at Power Stations
In Water Treatment plants /cooling towers
Water Systems in Pulp & Paper Production
Use as a coolant/antifreeze/heat transfer fluid in a closed system
Water Treatment Chemicals