

**Substance: Molybdenum (metal)** **EINECS No. 231-107-2** **CAS No. 7439-98-7**

<i>Uses by workers in industrial settings:</i>		
<b>1. Formulation of Mo alloy powders</b> Substance supplied to that use: as such (substance itself) <b>PROC:</b> 1, 3, 5, 8B, 9, 22, 23, 24, 26, 27A <b>ERC:</b> 1, 2, 3, 5		<b>PC:</b> 7 <b>SU:</b> 14
<b>2. Powder metallurgy production of Mo metal/alloy mixtures and articles</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 1, 3, 4, 5, 8B, 9, 13, 14, 21, 22, 23, 24, 25, 26, 27A <b>ERC:</b> 3, 5, 7, 12A <b>AC:</b> 1, 2, 3, 7		<b>PC:</b> 7 <b>SU:</b> 14, 15, 17
<b>3. Coating applications including thermal spray coating</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 1, 7, 8B, 23, 24, 25 <b>ERC:</b> 5, 12B <b>AC:</b> 1, 2		<b>PC:</b> 7, 9A, 14, 15, 38 <b>SU:</b> 14, 16, 17
<b>4. Production of Mo containing steel and alloy mixtures and articles</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 1, 3, 5, 8B, 9, 13, 14, 21, 22, 23, 24, 25, 26 <b>ERC:</b> 1, 3, 5, 10A, 11A, 12A, 12B <b>AC:</b> 1, 2, 7		<b>PC:</b> 7 <b>SU:</b> 13, 14, 15, 17, 19, 24
<b>5. Production and use of Mo containing catalysts</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 1, 2, 3, 4, 9, 23 <b>ERC:</b> 1, 3, 4, 6A		<b>PC:</b> 19, 29, 0 Other – UCN Code: "R05000 Reduction agents" <b>SU:</b> 8, 9, 0 Other – "Process agent"
<b>6. Production of Mo fine chemicals</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 4 <b>ERC:</b> 1		<b>PC:</b> 7 <b>SU:</b> 9, 14
<b>7. Use in brake pads</b> Substance supplied to that use: as such (substance itself) <b>PROC:</b> 5, 14, 21 <b>ERC:</b> 2, 5, 10A, 10B <b>AC:</b> 1, 2		<b>PC:</b> 0 Other: Brake pads <b>SU:</b> 10
<b>8. Manufacture &amp; Use of Welding Consumables</b> Substance supplied to that use: in a mixture <b>PROC:</b> 2, 5, 14 <b>ERC:</b> 9A, 9B <b>AC:</b> 1, 2, 7		<b>PC:</b> 38 <b>SU:</b> 10, 15

*Uses by professional workers:*

<b>1. Use of welding consumables</b> Substance supplied to that use: in a mixture <b>PROC:</b> 25 <b>ERC:</b> 10A <b>AC:</b> 1, 2		<b>PC:</b> 38 <b>SU:</b> 15
<b>2. Laboratory analysis</b> Substance supplied to that use: as such (substance itself), and in a mixture <b>PROC:</b> 15		<b>PC:</b> 7, 21 <b>SU:</b> 9, 14

*Uses by consumers:*

<b>1. Mo use in alloys for implants</b>		<b>PC:</b> 7
<b>2. Use of Welding Consumables</b>  <b>ERC</b> 10A <b>AC</b> 1,2		<b>PC:</b> 38