

1. Identification of substance and manufacturer	<p>*Substance name: MoCu *Application: heat sinks in electronics *Manufacturer: PLANSEE GmbH, Siebenbürgerstr. 23, D-86983 Lechbruck, Tel.: +49 (8862) 773-0</p>
2. Composition / Data on components	<p>*Composition: molybdenum, CAS-No.: 7439-98-7, 30% copper, CAS-No.: 7440-50-8 *Dangerous components: None</p>
3. Hazards identification	<p>*Hazard description: None</p>
4. First aid measures	<p>*Inhalation: Supply fresh air *Skin contact: Remove dust by washing with water and soap</p>
5. Fire fighting measures	<p>*Suitable extinguishing agents: No restrictions *Special risks: None *Substance is not combustible</p>
6. Accidental release measures	<p>*Person-related safety precautions: Avoid formation of airborne dust *Ensure effective ventilation *Environmental protection measures: Avoid contamination of agricultural areas (see chapter 12)</p>
7. Handling and storage	<p>*Handling: Avoid formation of airborne dust *Install exhaustion at hot forming workplaces to remove sublimate *Storage: No special requirements</p>
8. Exposure controls and personal protection	<p>*Threshold limit value: Mo: 15 mg/m³, Cu: 1 mg/m³ (daily average, inhaleable fraction) *Install exhaustion at hot forming workplaces *Personal protective equipment: In case of exposure to sublimated oxides (see chapter 10) use protective mask P2</p>
9. Physical and chemical properties	<p>*Appearance: Grey solid *Melting point: Mo: 2610°C, Cu: 1083°C *Density: 9.8 g/cm³ at 20°C</p>
10. Stability and reactivity	<p>*Strong oxidation during heating on air > 600°C *Sublimation of MoO₃ starting at about 700°C</p>
11. Toxicological information	<p>*No toxic effects known</p>
12. Ecological information	<p>**"Molybdenosis" (copper deficiency disease, caused by Mo at ruminates) *No other ecotoxicological effects known</p>
13. Disposal considerations	<p>*Dispose residues as metal scrap *Notice national and regional regulations</p>
14. Transport information	<p>*No dangerous good for transportation</p>
15. Regulations	<p>*No labelling required *Notice national regulations</p>
16. Other information	<p>*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</p>