



Material Safety Data Sheet Directive 91/155/EC

1. Product & Company Identification

Product Name :	Polished Photographic Mirrors Adult, Adult Long, Pedo, Lingual, Buccal, Adult / Buccal Angulated, Adult Angulated, Buccal Angulated, Adult / Pedo Angulated, Occlusal Small, Medium, Large and Lateral
Chemical Nature :	Metal, Stainless Steel 304, Dental
Information on Manufacturer :	Libral Traders Pvt. Ltd. B-84/1, Okhla Industrial Area Phase – 2, New Delhi – 110020, India
Emergency Contact :	+91 – 11 – 40726666, info@libraltraders.com

2. Composition / Information on Ingredients

Chromium :	18 – 20%
Nickel :	8 – 10.5%
Manganese :	2%
Cobalt :	0.8%
Silicone Carbon Phosphorus Sulfur	Balance

3. Hazards Identification

Specialty steel alloys are generally not considered hazardous in the form shipped (solid bars, billets wire, etc.), however, if your process involves grinding, melting, welding, cutting, or any other process that causes a release of dust or fume, hazardous levels of dust or fume of the constituents of these alloys could be generated

4. First Aid Measures

- **Inhalation :** Remove patient from exposure. Keep patient at rest and give oxygen if breathing is difficult. If symptoms develop, obtain medical attention.
- **Skin Contact :** After contact with skin, wash immediately with plenty of soap and water. In case of burns from hot material immediately cool affected skin as long as possible with cold water. Obtain medical attention.
- **Eye Contact :** Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If symptoms persist, obtain medical

- attention.
- **Ingestion :** Unlikely to be hazardous if swallowed. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. If symptoms develop, obtain medical attention.
- **Further Medical Treatment :** Unlikely to be required but if necessary treat symptomatically.

5. Fire Fighting Measures

- **Suitable Extinguishing Media:** N/A
- **Unsuitable Extinguishing Media:** N/A
- **Particular Hazards:** Avoid inhalation of vapors.
- **Protective Equipment for Fire Fighters:** N/A

6. Accidental Release Measures

Personal Precaution

Ventilation:

If your process causes a release of dust or fume, use local and general exhaust ventilation to keep airborne concentrations of dust or fumes below the TLV.

Respiratory Protection:

If your process causes a release of dust or fume in excess of the permissible exposure limit, use approved respirators for protection against airborne dust or fumes should be worn. Respirators should be used in accordance with 29CFR 1910.134.

Protective Equipment:

Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis. If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn.

Environmental Precautions:

N/A

Cleaning Methods:

Dispose of in accordance with state, local, and federal regulations

7. Handling & Storage

- **Handling:** See Step 6
- **Storage:** N/A

8. Exposure Control / Personal Protection

- Minimize Contact as outlined in step 6

9. Physical & Chemical Properties

- **Form:** Sheet
- **Colour:** Solid
- **Odor:** Odourless
- **Change of State:** Liquid
- **Melting Point / Range:** 2400 F to 2800 F
- **Boiling Point:** High
- **Flash Point (Closed Cup) :** N/A
- **Ignition Point :** N/A

➤	Vapor Pressure (20°C) :	Nil
➤	Density (20°C):	7.5 to 8.5 Specific Gravity
➤	Solubility in Water:	Insoluble
➤	PH-Value (at 10g/1H2O):	N/A
➤	Viscosity (20°C):	Solid

10. Stability & Reactivity

➤	Thermal Decomposition:	None
➤	Conditions to Avoid:	None
➤	Materials to Avoid:	None
➤	Hazardous Decomposition Products:	None

11. Toxicological Information

➤	Oral Toxicity:	Reference Step 3 and Step 6
➤	Ingestion :	Reference Step 3 and Step 6.1
➤	Inhalation:	Reference Step 3 and Step 6.1
➤	Skin Contact :	Reference Step 3 and Step 6.1
➤	Eye Irritation:	Reference Step 3 and Step 6.1
➤	Long Term Exposure :	Chronic effects are unlikely.

12. Ecological Information

➤	Acute Toxicity in Fish:	Not Defined
➤	Bacteria Toxicity :	Not Defined
➤	Biodegradability :	Not Defined

13. Disposable Considerations

➤	Product:	In accordance with state, local, and federal regulations
➤	Packaging:	In accordance with state, local, and federal regulations
➤	Waste Disposal Code:	In accordance with state, local, and federal regulations

14. Transport Information

➤	Overland Transport :	Not Classified as dangerous for transport
➤	Sea Transport:	Not Classified as dangerous for transport
➤	Air Transport ICAO/IATA-DGR:	Not Classified as dangerous for transport
➤	Inland Waterway Transport ADNR:	Not Classified as dangerous for transport

15. Regulatory Information

	Preparation as defined by the (German) Chemicals Act (dated 4/03/1990).	
➤	Labeling:	N/A
➤	Product Contains:	

- **Danger Symbol:**
- **R-Sentences R36/37/38:**
- **S-Sentences S26:**
- **S-Sentences S28:**

- **National Regulation:**
- **VbF:**
- **TA-Air:**

16. Other Information

- **Prepared by :** Libral Traders Pvt. Ltd.
- **Issuing Date :** 19th August 2019
- **Revision Date :**
- **Libral** assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.