

**Safety Data Sheet****Metal Polishes****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier**

Brilliant Brand:	Metal Restorer & Polish	Ultimate Metal Finish
	Aluminium & Stainless Steel Polish	Silver & Gold Polish
	Chrome & Nickel Polish	Truckers Salvation
	Brass & Copper Polish	

1.2. Relevant identified uses of the substance or mixture**Use of the substance/mixture**

Metal Polishes for polishing all types of Metal.

1.3 Details of the supplier of the safety data sheet

Company name:	Brilliant Polish Pty Ltd
Street:	1553 Loddon Valley Hwy
Place:	Woodvale. 3556. Victoria, Australia
Telephone:	+61 (0)3 5446 9922
e-mail:	info@briliantpolish.com`
Contact person:	Mark Farrell
Internet:	www.briliantpolish.com
Responsible Department:	Mark Farrell
Emergency Phone Number:	+61 447 722 345

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

This mixture is classified as HAZARDOUS CHEMICAL according to classification by Safe Work Australia.

This mixture is classified as NON DANGEROUS GOODS according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. This mixture is NOT REGULATED as Dangerous Goods under IATA-DGR and IMDG-Code.

Signal Word - **Caution**

2.2. Label elements**Precautionary statements**

P102	Keep out of reach of children.
P210	Keep away from naked flames.
P260	Do not breathe vapour.
P271	Use only in well ventilated areas.
P280	Use of gloves or barrier creams is recommended
P301 & P315	If swallowed, seek medical advice immediately
P305 & P351	If eye contact occurs, flush out with clean water

Additional advice on labelling

Product is classified and labelled in accordance with regulations or the corresponding national laws.



Safety Data Sheet Metal Polishes

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous additions.

Hazardous components

CAS No	Chemical Name	Quantity
64742-81-0	Petroleum Distillates, hydrodesulfurized	< 80%
	With components	
91-20-3	Naphthalene	< 3%
Note – contains < 0.1% benzene		

SECTION 4: First aid measures

4.1. Description of first-aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side. Provide fresh air.

After inhalation

Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

After contact with skin

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.

After contact with eyes

If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists, seek medical attention.

After ingestion

If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation:

May include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

Skin:

May include redness, itching and swelling, burning sensation, blisters.

Eye:

May include redness, itching and tearing.

Ingestion:

May cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea, coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



Safety Data Sheet

Metal Polishes

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.

5.2. Specific hazards arising from the substance or mixture

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

5.3. Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personnel precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

6.2. Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

6.3. Methods and material for containment and cleaning up

For small spills (< 200 Litres), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

For larger spills (> 200 Litres), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Combustible product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment necessary in area where chemical is being used. Vapours may accumulate in low or confined areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area and not near aerosols, strong oxidants and corrosives.

SECTION 8: Exposure controls/personal protection

8.1. Exposure control measures

In the absence of data from National Occupational Health & Safety Commission (NOHSC) Worksafe Australia use -

Mineral Spirits 175-220 HSPA: 350mg/m³ TWA (8hr)

8.2. Biological monitoring

No biological limit allocated.

**Safety Data Sheet****Metal Polishes****8.3. Engineering controls**

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep large containers (>20 Litres) closed when not in use.

8.4. Individual protection measures**Eye/face protection**

Suitable eye protection / safety glasses.

Skin protection

Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Respiratory protection

If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance:	Green, Milky White, Pink, Yellow or Blue Coloured liquids
Odour:	Paraffinic
Odour threshold (ppm):	Data not available
pH:	Data not available
Melting point/freezing point (°C):	Data not available
Initial boiling point and boiling range (°C):	Typical 195 - 260
Flash point (°C):	Typical 75
Evaporation rate (Butyl acetate = 1):	0.01
Flammability:	Combustible
Upper/lower flammability or explosive limits (%):	0.6 - 7.0
Vapour pressure (kPa @ 20°C):	Data not available
Vapour density (air = 1 @ 15°C):	> 1
Density (g/ml @ 15°C):	0.80 - 0.83
Solubility (kg/m ³):	Negligible
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	> 200
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm ² /s @ 25°C):	Data not available



Safety Data Sheet

Metal Polishes

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition materials

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Expected to be of low toxicity - LD50 Oral (rat) > 2000 mg/kg LD50 Dermal (rat) > 2000 mg/kg LC50 Inhalation greater than near-saturated vapour concentration (rat,4h).
Skin corrosion/irritation:	Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
Serious eye damage/irritation:	Mild irritant.
Respiratory or skin sensitisation:	Not expected to be a sensitiser.
Germ cell mutagenicity:	Not expected to be mutagenic.
Carcinogenicity:	Naphthalene - Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans.
Reproductive toxicity:	Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) – single exposure:	Inhalation of vapours or mists may cause irritation to the respiratory system.
Specific Target Organ Toxicity (STOT) –	Central nervous system: prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.
Aspiration hazard:	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

**Safety Data Sheet**
Metal Polishes**SECTION 12: Ecological information****12.1. Ecotoxicity**

Acute toxicity

Fish	Harmful: $10 < LC/EC/IC50 \leq 100\text{mg/l}$
Aquatic invertebrate	Low toxicity: $LC/EC/IC50 > 100\text{mg/l}$
Algae	Harmful: $10 < LC/EC/IC50 \leq 100\text{mg/l}$
Micro organisms	Expected to be harmful: $10 < LC/EC/IC50 \leq 100\text{mg/l}$

Chronic toxicity

Fish	Data not available
Aquatic invertebrate	Data not available
Algae	Data not available
Micro organisms	Data not available

12.2. Persistence and degradability

Readily biodegradable. Oxidises by photo-chemical reactions in air.

12.3. Bioaccumulative potential

Has the potential to bioaccumulate.

12.4. Mobility in soil

Floats on water.

12.5. Other adverse effects

Data not available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14: Transport information**14.1. Transport hazards**

UN number:	Not applicable
Proper shipping name:	Not applicable
Australian Dangerous Goods class:	Not regulated as a dangerous good
Australian Dangerous Goods packing group:	Not regulated as a dangerous good
Hazchem code:	Not regulated as a dangerous good
IATA-DGR and IMDG-Code	Not regulated as a dangerous good



Safety Data Sheet
Metal Polishes

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	5
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	Not applicable

SECTION 16: Other information

16.1. Further information

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Brilliant Polish cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Brilliant Polish on (03) 5446 8343.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

Revision number:	5	
Noted Changes:	Truckers Salvation added.	8 th October, 2018
	Product name changes	3 rd January, 2022