

### SECTION 1. Identification of the Material and Supplier

#### Product Identifier

Trade Name: **HOLDIT CA500 Copper Anti- Seize**

Other Names: **CA500**

Part Number: **CA500 (500g)**

Relevant Identified Uses of the substance or mixture      Threaded connection or slide anti-seize and lubricant

#### Details of the supplier of the Safety Data Sheet.

Supplier: Holdit Australia Pty Ltd Trading as Holdit  
78 Main South Road  
Old Reynella, South Australia, 5161

Telephone: +61 1300 552 680

Telephone: +61 8 8381 3516

Website: [www.holdit.com.au](http://www.holdit.com.au)

Email: [info@holdit.com.au](mailto:info@holdit.com.au)

Emergency Telephone: **13 11 26**

### SECTION 2. Hazardous Identification

#### Classification of the substance or mixture

#### Label Elements

GHS Label Elements Void

Hazardous Pictograms: Void

Signal Word: Void

Hazard-determining components of labeling: Void

Hazard Statement(s) Void

#### Classification System:

##### NFPA Ratings (Scale 0-4)



Health = 0

Fire = 1

Reactivity = 0

##### HMIS Ratings (scale 0-4)



Health = 0

Fire = 1

Reactivity = 0

#### Other Hazards

##### Results of PBT and VPvB assessment

- PBT: Not Applicable
- vPvB: Not Applicable

### SECTION 3. Composition/Information on Ingredients

#### Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

#### Dangerous Components:

74440-50-8	Copper	20-30%
7782-42-5	Graphite	10-20%

### SECTION 4. First Aid Measures

#### Description of first aid measures

**General Information:** No special measures required

**After Inhalation:** Supply fresh air; consult doctor in case of complaints.

**After Skin Contact:** Generally the product does not irritate the skin.

**After Eye Contact:** Rinse opened eye for several minutes under running water.

**After Swallowing:** If symptoms persist consult doctor.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed.** No Further relevant information available.

**Indication of any immediate medical attention and special treatment needed.** No Further information available.

### SECTION 5. Fire Fighting Measures

#### Extinguishing Media

**Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use firefighting measures that suit the environment.

**Special hazards arising from the substance or mixture:** No further relevant information available.

**Advice for Fire Fighters**

**Protective Equipment:** Wear self-contained respiratory protective device.

Wear fully protective suit.

### SECTION 6. Accidental Release Measures

#### Personal Precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective clothing

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

#### Methods and material for containment and cleaning up:

Dispose of the collected material according to regulations.

**Reference to other sections** See section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7. Handling and Storage

#### Handling

**Precautions for safe handling:** No special measures required

**Information about protection against explosions and fires:** No special measures required.

#### Conditions for safe storage, including any incompatibilities

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements

**Information about storage in one common storage facility:** Not Required.

**Further information about storage conditions:**

Keep receptacle tightly sealed

Store in cool, dry conditions in well-sealed receptacles.

**Specific end use(s):** No further relevant information available.

### SECTION 8. Exposure Controls/Personal Protection

**Additional information about design of technical systems:** No further data; see item 7.

#### Control parameters

**Components with limit values that require monitoring at the workplace:**

**7440-50-8 Copper**

PEL Long Term Value: 1\* 0.1\*\* mg/m<sup>3</sup>,  
As Cu \* dusts and mists \*\*fumes

REL Long Term Value: 1\* 0.1\*\*mg/m<sup>3</sup>  
As Cu \* dusts and mists \*\*fumes

TLV Long Term Value: 1\* 0.2\*\* mg/m<sup>3</sup>  
\* dusts and mists \*\*fumes

**7782-42-5 Graphite**

PEL Long Term Value: 15 mppcl\* mg/m<sup>3</sup>  
\*impinge samples counted by light field techn.

REL Long Term Value: 2.5\* mg/m<sup>3</sup>  
\*respirable dust

TLV Long Term Value: 2\* mg/m<sup>3</sup>  
All forms except graphite fibers, \*resp. fraction

**Additional Information:** The lists that were valid during the creation were used as basis.

#### Exposure Controls

**Personal Protective Equipment:**

**General protective and hygienic measures:**

The usual precautionary measures for handling chemical s should be followed.

**Protection of hands:**



### Protective Gloves

The glove material has to be impermeable and resistant to the product/ the substance/the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection:** Not required

**Body Protection:** Protective work clothing

## SECTION 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance

**Form** Semi solid  
**Colour** Bronzed Coloured

**Odour** Petroleum like

**Odour Threshold** Not Determined

**pH Value** Not Applicable

##### Change in Condition

**Melting point/Melting Range:** Undetermined

**Boiling point/Boiling range:** 260°C

**Flash Point** 221°C

**Flammability (solid/gaseous)** Not Determined

##### Ignition Temperature:

**Decomposition Temperature:** Not Determined

**Auto Ignition:** Product is not self-igniting

**Danger of explosion:** Product does not present an explosion hazard

##### Explosion Limits

**Lower:** Not Determined

**Upper:** Not Determined

**Vapour Pressure:** Not Applicable

**Density at 20°C:** 1.09 g/cm<sup>3</sup> (9.096 lbs/gal)

**Relative Density** Not Determined

**Vapour Density** Not Applicable

**Evaporation Rate** Not Applicable

##### Solubility in/Miscibility with

**Water** Insoluble.

**Partition coefficient (n-octanol/water):** Not determined

##### Viscosity

**Dynamic:** Not Applicable

**Kinematic:** Not Applicable

##### Solvent Content

**Organic Solvents:** 0.0%

**Solvent content:** 100.0%

**Other information** No Further relevant information available.

## SECTION 10. Stability and Reactivity

### Reactivity

#### Chemical Stability

**Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** No further relevant information available

**Incompatible materials** No further relevant information available

**Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11. Toxicology Information

#### Information on toxicological effects

##### Acute Toxicity

###### Primary irritant effect:

**On the skin:** No Irritant Effect

**On the eye:** No Irritating Effect

**Sensitization:** Sensitization possible through skin contact.

###### Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparation: When used and handled according to specifications, the product does not have any further effects according to our experience and the information provided to us.

##### Carcinogenic categories

###### IARC (International Agency for research on Cancer)

14808-60-7 Silicon Dioxide 1

###### NTP (National toxicology Program)

14808-60-7 Silicon Dioxide K

###### OSHA-CA (Occupational Safety & Health Administration)

None of the ingredients is listed.

### SECTION 12. Ecological Information

#### Toxicity

##### Aquatic Toxicity

No further relevant information available

##### Persistence and degradability

No further relevant information available.

##### Behavior in environment systems:

###### Bio accumulative potential

No further relevant information available.

###### Mobility in soil

No further relevant information available.

##### Additional ecological information

###### General Notes

Water hazard class 1 (Self assessment): slightly hazardous to water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

##### Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

##### Other adverse effects:

No further relevant information available.

### SECTION 13. Disposal Considerations

#### Water treatment methods

**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### Uncleaned Packaging's:

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14. Transport Information

#### UN Number

**DOT** NA3077

**ADN, IMDG, IATA** Not regulated

#### Un Proper Shipping Name

**DOT** Environmentally hazardous substances, solid, n.o.s. (copper)

**ADN, IMDG, IATA** Not regulated

#### Transport Hazard class(es)

**DOT**



**Class** 9 Miscellaneous dangerous substances and articles.

**Label** 9

**ADN/R Class:** Not regulated

### Packing Group

DOT III

IMDG, IATA Not regulated

Environmental hazards Not applicable

Marine pollutant Yes (DOT)

Special precautions for user Not applicable

Transport in bulk according to Annex II of MARPOL73/78

And the IBC Code Not Applicable

### Transport/Additional Information

DOT

Quantity limitations On passenger aircraft/rail: No limit

On cargo aircraft only: No limit

Remarks: Special marking with the symbol (fish and tree)

UN "Model regulation" -

## SECTION 15. Regulatory Information

### Safety, health and environment regulations/legislation specific for the substance or mixture

Sara

#### Section 355 (extremely hazardous substances):

None of the ingredients is listed.

#### Section 313 (Specific toxic chemical listings):

7440-50-8 Copper

#### TSCA (Toxic Substances Control Act):

All ingredients listed

#### Proposition 65

#### Chemicals known to cause cancer

14808-60-7 Silicon Dioxide

#### Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed

#### Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

#### Chemicals known to cause developmental toxicity

None of the ingredients is listed.

#### Carcinogenic categories

#### EPA (Environmental Protection Agency)

7440-50-8 Copper

#### TLV (Threshold Limit Value established by ACGIH)

14808-60-7 Silicon Dioxide

#### NIOSH-Ca (National Institute for Occupational Safety and Health)

14808-60-7 Silicon Dioxide

**Chemical Safety Assessment:** A chemical Safety Assessment has not been carried out.

## SECTION 16. Other Information

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.

**Department Issuing SDS:** Holdit Australia Pty Ltd trading as Holdit

**Contact:** Holdit Australia Pty Ltd trading as Holdit

**Date of preparation/last revision** 1/7/2015 v1

### Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Dangerous Goods Code
DOT:	US Department of Transportation
IATA:	International Air Transportation Association
ACGIH:	American Conference of Government Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstract Service Number
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)
GHS:	Globally Harmonized System
IARC:	International Agency for Research on Cancer



## SAFETY DATA SHEET HOLDIT CA500

Printing Date: 1<sup>st</sup> July 2015

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IDLH:	Immediately Dangerous to Life and Health
OSHA:	Occupational Safety and Health Administration
VOC:	Volatile Organic Compounds (USA, EU)
LCSO:	Lethal Concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative
Skin Irrit 2:	Skin corrosion/irritation, Hazardous Category 2
Eye Irrit 2A:	Serious eye damage/eye irritation, Hazardous Category 2A
Skin Sens 1B:	Sensitisation – Skin, Hazardous Category 1B

**\*Data compared to the previous version altered.**

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### CONTACT POINT

**Technical Contact Number:** Head Office Tel: 1300 552 680

**\*\*End of SDS\*\***