

# SAFETY DATA SHEET

according to National Occupational Health & Safety Commission Australia



Revision: 21/7/2010

replaces the version of: 05.12.2006

Publication date: 21/7/2010

**METALLOTION PROTEC CE15L**

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## 1. Identification of the substance/ preparation and of the company/ undertaking

Identification of the substance or preparation

**METALLOTION PROTEC CE15L**

Material No. : 01C.5AT003

**Use of the substance/ preparation**

Universal-Anti-Spatter-Lotion, non-flammable, water-based, silicone-free

**Manufacturer**

PROTEC Trading GmbH, Glaserstraße 11, 5026 Salzburg, AUSTRIA

Telephone +43/ 662/ 63 33 93 – 0, Fax +43/ 662/ 63 33 93 – 20

**Australian Importer/distributor**

Welding Automation Pty Ltd. 5/51 Taunton Drive, Cheltenham, VIC 3192. Tel: 03 8516 2472 Fax: 03 9011 6203

**Emergency Telephone Number: (0' ) , ) % ' & +2**

## 2. Composition/ information on ingredients

2.1 Chemical name	% content	symbol	R-phrases
Alcohol, (C12-15), Ethoxylate	1 - < 5	Xi / N	41 – 50
For complete wording of the R-phrases, refer to point 16.			

## 3. Hazards identification

**3.1 to people**

See point 11 and 15.

Preparation is not classified as hazardous according to the criteria of NOHSC Australia.

**3.2 to the environment**

See point 12.

## 4. First aid measures

**4.1 Inhalation**

No special measures required.

**4.2 Eye contact**

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**4.3 Skin contact**

Wash thoroughly with soap and copious water. Remove contaminated clothing immediately.

**4.4 Ingestion**

Rinse the mouth thoroughly with water.

Do not induce vomiting. Consult doctor immediately.

**4.5 Special resources necessary for first aid**

n.g.

## 5. Fire-fighting measures

**5.1 Suitable extinguishing media**

Adapt to the nature and extent of fire.

**5.2 Extinguishing media which must not be used for safety reasons**

High volume water jet

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Oxides of carbon, Oxides of nitrogen, Oxides of sulphur, Hydrogen chloride

Toxic pyrolysis products.

**5.4 Special protective equipment for fire-fighters**

According to size of fire

Protective respirator with independent air supply

**5.5 Further information**

Dispose of contaminated extinction water according to official regulations.

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## 6. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

### 6.1 Personal precautions

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

### 6.2 Environmental measures

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

### 6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13.

Flush residue using copious water.

## 7. Handling and storage

### 7.1 Handling

#### Tips for safe handling:

see point 6.1

Wash hands before breaks and at the end of work. Eating, drinking, smoking, as well as food-storage is prohibited in work-room. General hygiene measures for the handling of chemicals are applicable.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

### 7.2 Storage

#### Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.

Store products only unopened, in original packing.

#### Special storage conditions:

see point 10.2

Protect from frost. Protect from temperatures exceeding 35 degrees Celsius.

Store at room temperature.

## 8. Exposure controls/personal protection

Ensure good ventilation. This can be achieved by local suction or general air extraction.

Following applies only if maximum permissible exposure values are listed in section 11.

8.1 Respiratory protection: normally not necessary.

8.2 Hand protection: Chemical resistant protective gloves (EN 374)

If applicable: Protective nitrile gloves (EN 374)

Protective hand cream recommended.

8.3 Eye protection: Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

8.4 Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

## 9. Physical and chemical properties

Physical state:	liquid
Colour:	turbid, green
Odour:	mild, lemon
pH-value undiluted:	7,1
Boiling point/ range (°C):	100
Melting point/ range (°C)	n.v.
Flash point (in °C):	n.v.
Flammability (solid/gas)	no
Oxidising properties:	no
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.
Product is not explosive.	
Relative density (20°C):	0,98 g/ml
Solubility in water:	mixable
Viscosity:	9,5 s (20°C) DIN 53211/4

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## 10. Stability and reactivity

### 10.1 Conditions to avoid

Stable when handled and stored correctly.

### 10.2 Materials to avoid

Avoid contact with strong alkalis.

Avoid contact with strong acids.

### 10.3 Hazardous decomposition products

see point 5.3

None known.

## 11. Toxicological information

### 11.1 Acute toxicity and immediate effects

11.1.1 Ingestion, LD50 rat oral (mg/kg): n.v.

11.1.2 Inhalation, LC50 rat inhal.(mg/l/4h): n.v.

11.1.3 Skin contact, LD50 rat dermal (mg/kg): n.v.

11.1.4 Eye contact: n.v.

### 11.2 Delayed and chronic effects

11.2.1 Sensitization: n.g.

11.2.2 Carcinogenicity: n.g.

11.2.3 Mutagenicity: n.g.

11.2.4 Reproductive toxicity: n.g.

11.2.5 Narcosis: n.g.

### 11.3 Further information

Classification according to calculation procedure.

## 12. Ecological information

Water hazard class (Germany): 1

Self classification: yes (VwVwS)

Persistence and degradability: Readily biodegradable \*

Behaviour in sewage plants: Problems not expected when used correctly.

Aquatic toxicity: n.v.

Ecological toxicity: n.v.

\* Alcohol, (C12-15), ethoxylate

## 13. Disposal considerations

### 13.1 for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

20 01 99 wastes not otherwise specified

Recommendation:

Pay attention to local and national official regulations

E.g. dispose at suitable refuse site.

### 13.2 for contaminated packing material

see point 13.1

Pay attention to local and national official regulations.

Empty container completely. Dispose of packaging that cannot be cleaned in the same manner as the substance.

Uncontaminated packaging can be recycled.

15 01 02 plastic packaging

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## 14. Transport information

### General statements

UN- Number: n.a.

### Road/Rail-transport(ADR/RID)

Class/packing-group: n.a.

Classification code: n.a.

LQ: n.a.

### Transport by sea

IMDG-code: n.a. (class/packing-group)

Marine Pollutant: n.a.

### Transport by air

IATA: n.a. (class/secondary danger/packing-group)

### Additional information:

Non-dangerous material according to Transport Regulations.

## 15. Regulatory information

### Classification according to Dangerous Product Regulations

Symbols: not applicable

Indications of danger: —

R- phrases: 41, 50

S- phrases: —

Additions:

Safety data sheet available for professional user on request.

Observe restrictions: n.a.

VOC 1999/13/EC n.a.

## 16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 12

Revised points: 1

TA air: not applicable

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2):

41 Risk of serious damage to eyes.

50 Very toxic to aquatic organisms.

## Legend

n.a. = not applicable / n.v., K.D.v. = not available / n.g. = not checked / OES = occupational exposure standard / MEL = maximum

exposure limit / BMGV = biological monitoring guidance value / MAK = maximum concentration for work place (Germany)

TRK = technical guidance concentration (Germany) / BAT = biological tolerance for work place (Germany) / VbF = regulations

for flammable liquids (Germany) / TRbF = technical regulations for flammable liquids (Germany) / WGK = water hazard class (Germany) / WGK3 = very hazardous, WGK2 = hazardous, WGK1 = slightly hazardous to water / VOC = volatile organic compounds

AOX = adsorbable organic halogen compounds / VwVwS = administrative order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge.

No responsibility.