

# mepBLITz DC-i5 Coolant (MEPi5SP10)

## Safety Data Sheet

Issue date: 1.9.17

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name. : mepBLITz DC-i5 Coolant  
Product code : MEPi5SP10

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Industrial use only.

#### 1.3. Details of the supplier of the safety data sheet

Metal Science Technologies Pty Ltd  
43 Shelley Road, Moruya  
NSW, 2537, Australia  
T +612 4474 3394  
[info@metalscience.com.au](mailto:info@metalscience.com.au)

#### 1.4. Emergency telephone number

Emergency number: +6112 4474 3394 or +614 11 217 986

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS classification

Not Hazardous or a Dangerous Goods as classified by GHS.

### SECTION 3: Composition/information on ingredients

#### 3.1 Mixture

| Name                   | Product identifier | %  | GHS-US classification |
|------------------------|--------------------|----|-----------------------|
| Di-electric oil        | N/A                | 99 | Not classified        |
| Proprietary Ingredient | N/A                | 1  | Not classified        |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after eye contact  | WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.                                                                                          |
| First-aid measures after skin contact | WHEN MOLTEN ONLY (molten product can cause thermal burns) – In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention. |
| First-aid measures after ingestion    | WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. This is not a toxic substance                                                                                                                                 |
| First-aid measures after inhalation   | No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately.                                                                                                                                |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |                                                                                                                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | Dry chemical, carbon dioxide, foam or water may be used. Do not use straight streams of water on burning material.<br>Sand / earth can be used on small fires.<br>Do not use a heavy water stream. |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.2. Special hazards arising from the substance or mixture

During a fire irritating and toxic gases maybe produced by combustion or thermal decomposition.

### 5.3. Advice for firefighters

|                                |                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | Move exposed containers from fire areas if possible.<br>When fighting fires involving significant quantities of this product, fire fighters should wear safety footwear, non-flammable gloves, overalls, hat, goggles and self-contained breathing apparatus. |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |      |
|----------------------|------|
| Emergency procedures | None |
|----------------------|------|

### 6.2. Methods and material for containment and cleaning up

|                         |                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | Remains in liquid form under normal conditions, pick up or sweep spilled product.<br>If molten, allow to cool and scrape up. |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | Observe precautions found on label. Wash face and hands thoroughly with soap and water after use and before eating. |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|

Hygiene measures : Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

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

|                    |                             |
|--------------------|-----------------------------|
| Storage conditions | Store in a cool, dry place. |
|--------------------|-----------------------------|

## SECTION 8: Exposure controls/personal protection

### 8.1. Exposure controls

|                                  |                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation. |
| Personal protective equipment    | : Avoid all unnecessary exposure.                                                                                                                                                  |
| Hand protection                  | : Wear protective gloves.                                                                                                                                                          |
| Eye protection                   | : Chemical goggles or face shield.                                                                                                                                                 |
| Skin and body protection         | : Wear suitable protective clothing.                                                                                                                                               |
| Respiratory protection           | : Wear appropriate mask.                                                                                                                                                           |
| Other information                | : Do not eat, drink or smoke during use.                                                                                                                                           |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                            |                        |
|--------------------------------------------|------------------------|
| Physical state                             | : Liquid               |
| Colour                                     | : Blue                 |
| Odour                                      | : None.                |
| Odour threshold                            | : No data available    |
| pH                                         | : No data available    |
| Relative evaporation rate (butylacetate=1) | : No data available    |
| Melting point                              | : No data available    |
| Freezing point                             | : No data available    |
| Boiling point                              | : No data available    |
| Flash point                                | : No data available    |
| Self-ignition temperature                  | : No data available    |
| Decomposition temperature                  | : No data available    |
| Flammability (solid, gas)                  | : No data available    |
| Vapour pressure                            | : No data available    |
| Relative vapour density at 20 °C           | : No data available    |
| Relative density                           | : No data available    |
| Solubility                                 | : Not soluble in water |
| Log Pow                                    | : No data available    |
| Log Kow                                    | : No data available    |
| Viscosity, kinematic                       | : No data available    |
| Viscosity, dynamic                         | : No data available    |
| Explosive properties                       | : No data available    |
| Oxidising properties                       | : No data available    |
| Explosive limits                           | : No data available    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None known.

### 10.2. Chemical stability

Stable under normal temperatures and pressures.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Avoid contact with strong oxidizing agents

### 10.6. Hazardous decomposition products

Combustion may yield large amounts of oxides of carbon, smoke, incomplete combustion products, flammable hydrocarbons.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| Acute toxicity                    | : Not classified                                                                          |
| Skin corrosion/irritation         | : Not expected to be an irritant but may cause temporary local redness after application. |
| Eye damage/irritation             | : May cause irritation to the eyes if they come into contact with the product.            |
| Respiratory or skin sensitisation | : When heated, the vapour/fumes given off may cause respiratory tract irritation.         |

## SECTION 12: Ecological information

### 12.1. Toxicity

Not expected to be harmful to aquatic or terrestrial organisms.

### 12.2. Mobility in soil

Expected to partition to sediment and wastewater solids. Minimally volatile.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations      Dispose the waste as a non-hazardous organic solid according to local and state regulations. Contact relevant authority for details. No special considerations for containers.

## SECTION 14: Transport information

### 14.1. UN number

|        |       |
|--------|-------|
| UN-No. | : N/A |
| NA no. | : N/A |

### 14.2. UN proper shipping name

|                                             |                          |
|---------------------------------------------|--------------------------|
| Proper Shipping Name                        | : mepBLITz DC-i5 Coolant |
| Department of Transportation Hazard Classes | : N/A                    |
| Hazard labels                               | : N/A                    |
| Packing group                               | : N/A                    |

## SECTION 15: Regulatory information

### 15.1 Health, safety and environmental regulations and legislations

|                   |                |
|-------------------|----------------|
| Regulatory Status | Not applicable |
|-------------------|----------------|

## SECTION 16: Other information

|                   |      |
|-------------------|------|
| Other information | None |
|-------------------|------|

End of SDS