



Issue Date 12-12-2018

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Revision Number 1

## 1. Identification

### Product identifier

**Product name** Crystal Cut 465

### Other means of identification

### Recommended use of the chemical and restrictions on use

**Material Uses** Coolant

**Uses advised against** Verify Applications

### Details of manufacturer or importer

#### **Supplier**

LiveTools PTY Limited  
115 Young St. Carrington  
NSW 2294 Australia  
Telephone: 02 4017 0198

### **Contact Point**

### Emergency telephone number

Emergency telephone number Livetools: 02 4017 0198

## 2. Hazard(s) identification

Not classified as hazardous according to criteria of NOHSC.

### GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Label Elements

#### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Other Hazards

**General Hazards** No information available

## 3. Composition/information on ingredients

### Substance

Synthetic Fluid

#### 4. First-aid measures

##### Description of first aid measures

<b>Emergency telephone number</b>	Poisons Information Center, Australia: 13 11 26 Poisons Information Center, New Zealand: 0800 764 766
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. Fire-fighting measures

##### Suitable extinguishing media

**Suitable Extinguishing Media** Not applicable.

**Unsuitable extinguishing media** Not applicable.

##### Specific hazards arising from the chemical

**Specific hazards arising from the chemical** None known.

**Hazardous combustion products** Carbon oxides.

##### Special protective actions for fire-fighters

**Special protective equipment for fire-fighters** Move containers from fire area if you can do it without risk.

#### 6. Accidental release measures

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

<b>Personal precautions</b>	Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills.
<b>Other information</b>	Report spills as required to the appropriate authorities.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** No unusual hazard.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with eyes. Keep container in a well-ventilated place. Do not puncture or incinerate cans.

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

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep away from direct sunlight. Keep away from heat.

**Incompatible materials** Acids and oxidizing agents.

## 8. Exposure controls/personal protection

**Control parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Use protective gloves and clothing if contact with product is likely.

**Respiratory protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Environmental exposure controls** No information available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>appearance</b>	clear
<b>Color</b>	Colorless
<b>Odor</b>	Mild.
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.3	
Melting point / freezing point	-	
Boiling point / boiling range	100 °C	
Flash point	Not flammable	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No unusual hazard	
Lower flammability limit:	No unusual hazard	
Vapor pressure	<0.1 mmHg @ 20 °C	
Vapor density	> 1	
Relative Density	1.06	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No unusual hazard	
Decomposition temperature	No unusual hazard	
Kinematic viscosity	17 cSt @ 40°C	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	
<u>Other information</u>		
Softening point	No information available	
VOC Content (%)	Request additional information	
Liquid Density	No information available	
Bulk density	No information available	

## 10. Stability and reactivity

### Reactivity

**Reactivity** No information available.

### Chemical stability

**Stability** Stable under normal conditions.

### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

**Hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

**Incompatible materials**

**Incompatible materials** Acids and oxidizing agents.

**Hazardous decomposition products**

**Hazardous decomposition products** Carbon oxides.

## 11. Toxicological information

**Acute Health Effects****Information on likely routes of exposure**

<b>Product Information</b>	.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available
<b>Symptoms</b>	None known.

**Numerical measures of toxicity - Product Information**

<b>Unknown acute toxicity</b>	No information available
<b>Oral LD50</b>	> 5000 mg/kg (rat)

*See section 16 for terms and abbreviations*

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	OECD 404 - Non-irritating and non-corrosive (rabbit).
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No known effect.
<b>Germ cell mutagenicity</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.
<b>Reproductive toxicity</b>	No known effect.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

**Ecotoxicity**

**Ecotoxicity** No information available.

**Persistence and degradability**

**Persistence/Degradability** No information available.

**Bioaccumulative potential**

**Bioaccumulation** No information available.

**Mobility**

**Mobility in soil** No information available.

**Mobility in Environmental Media** No information available.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. Transport information

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
Not applicable

### 15. Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Australia**

Not classified as hazardous according to criteria of NOHSC.

See section 8 for national exposure control parameters

**Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**International Inventories**

<b>TSCA</b>	Does not comply
<b>DSL/NDSL</b>	Does not comply
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Does not comply
<b>KECL</b>	Does not comply
<b>PICCS</b>	Does not comply
<b>AICS</b>	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**International Regulations**

**Ozone-depleting substances (ODS)** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

<b>16. Other information</b>
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**Revision Summary**

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend SECTION 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

**Disclaimer**

The information provided on this SDS 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

**End of SDS**