

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Product identifier

Product name RACHE S-COMPLEX

### 1.2 Uses and uses advised against

Uses PERFORMANCE OPTIMIZER  
Diamond tool stone cutting & grinding performance optimizer.

### 1.3 Details of the supplier of the product

Supplier name CHEMFORCE PTY LTD.  
Address Factory 2, 30-32 Law Crt, Sunshine West, VIC, 3020, AUSTRALIA  
Telephone 0417339927  
Email [john@chemforce.com.au](mailto:john@chemforce.com.au)

### 1.4 Emergency telephone numbers

Emergency 0417339927

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

NOT CLASSIFIED AS HAZARDOUS UNDER OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

### 2.2 GHS Label elements

No signal word, pictograms, hazard or precautionary statements have been allocated.

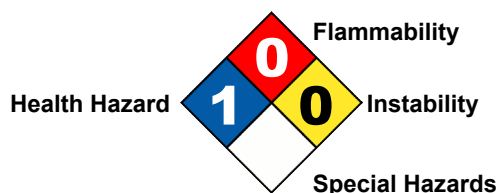
### 2.3 Other hazards

No information provided.

#### HMIS

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 0 |
| Physical Hazard     | 0 |
| Personal Protection | 0 |

#### NFPA



## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1 Substances / Mixtures

| Ingredient                | CAS Number    | EC Number     | Content |
|---------------------------|---------------|---------------|---------|
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | 100%    |

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

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**Ingestion** For advice, contact the Poison Control Centre at 1-800-222-1222 or a doctor (at once). If swallowed, do not induce vomiting.

**First aid facilities** Eye wash facilities should be available.

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

May cause irritation to the eyes, skin and respiratory system.

**4.3 Immediate medical attention and special treatment needed**

Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

**5.1 Extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

**5.2 Special hazards arising from the substance or mixture**

Non flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition.

**5.3 Advice for firefighters**

Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**5.4 Hazchem code**

None allocated.

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**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

**6.2 Environmental precautions**

Prevent product from entering drains and waterways.

**6.3 Methods of cleaning up**

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all sources of ignition.

**6.4 Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

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**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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

Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation systems.

**7.3 Specific end uses**

No information provided.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure standards**

No exposure standards have been entered for this product.

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### Biological limits

No biological limit values have been entered for this product.

### 8.2 Exposure controls

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended exposure standard.

**PPE**

|                    |   |
|--------------------|---|
| <b>Eye / Face</b>  | Wear splash-proof goggles.  |
| <b>Hands</b>       | Wear PVC or rubber gloves.  |
| <b>Body</b>        | When using large quantities or where heavy contamination is likely, wear coveralls. |
| <b>Respiratory</b> | Where an inhalation risk exists, wear a Type A (Organic vapour) respirator.         |



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

|                                  |   |
|----------------------------------|---|
| <b>Appearance</b>                | STRAW YELLOW TO LIGHT BROWN LIQUID      |
| <b>Odour</b>                     | ODOURLESS                               |
| <b>Flammability</b>              | NON FLAMMABLE                           |
| <b>Flash point</b>               | NOT RELEVANT                            |
| <b>Boiling point</b>             | 100°C                                   |
| <b>Melting point</b>             | NOT AVAILABLE                           |
| <b>Evaporation rate</b>          | NOT AVAILABLE                           |
| <b>pH</b>                        | 10.5 to 11.2 (5% dilution in tap water) |
| <b>Vapour density</b>            | NOT AVAILABLE                           |
| <b>Specific gravity</b>          | 1.04                                    |
| <b>Solubility (water)</b>        | SOLUBLE                                 |
| <b>Vapour pressure</b>           | NOT AVAILABLE                           |
| <b>Upper explosion limit</b>     | NOT RELEVANT                            |
| <b>Lower explosion limit</b>     | NOT RELEVANT                            |
| <b>Partition coefficient</b>     | NOT AVAILABLE                           |
| <b>Autoignition temperature</b>  | NOT AVAILABLE                           |
| <b>Decomposition temperature</b> | NOT AVAILABLE                           |
| <b>Viscosity</b>                 | NOT AVAILABLE                           |
| <b>Explosive properties</b>      | NOT AVAILABLE                           |
| <b>Oxidising properties</b>      | NOT AVAILABLE                           |
| <b>Odour threshold</b>           | NOT AVAILABLE                           |

### 9.2 Other information

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Freezing point</b> | -1°C                                  |
| <b>Density</b>        | 0.86 to 0.95 g/cm <sup>3</sup> @ 20°C |

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## 10. STABILITY AND REACTIVITY

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### 10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

### 10.2 Chemical stability

Stable under recommended conditions of storage.

### 10.3 Possibility of hazardous reactions

Polymerization is not expected to occur.

### 10.4 Conditions to avoid

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

### **10.5 Incompatible materials**

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), heat and ignition sources.

### **10.6 Hazardous decomposition products**

May evolve carbon oxides and hydrocarbons when heated to decomposition.

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## **11. TOXICOLOGICAL INFORMATION**

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### **11.1 Information on toxicological effects**

|                                 |   |
|---------------------------------|---|
| <b>Acute toxicity</b>           | May be harmful if swallowed, in contact with skin, and/or if inhaled.                           |
| <b>Skin</b>                     | Contact may result in irritation, redness, rash and dermatitis.                                 |
| <b>Eye</b>                      | Contact may result in irritation, lacrimation, pain and redness.                                |
| <b>Sensitisation</b>            | Not classified as causing skin or respiratory sensitisation.                                    |
| <b>Mutagenicity</b>             | Not classified as a mutagen.  |
| <b>Carcinogenicity</b>          | Not classified as a carcinogen.   |
| <b>Reproductive</b>             | Not classified as a reproductive toxin.   |
| <b>STOT - single exposure</b>   | Over exposure may result in respiratory irritation, nausea, dizziness, drowsiness and headache. |
| <b>STOT - repeated exposure</b> | Not classified as causing organ damage from repeated exposure.                                  |
| <b>Aspiration</b>               | Not classified as causing aspiration.   |

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## **12. ECOLOGICAL INFORMATION**

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### **12.1 Toxicity**

No information provided.

### **12.2 Persistence and degradability**

No information provided.

### **12.3 Bioaccumulative potential**

No information provided.

### **12.4 Mobility in soil**

No information provided.

### **12.5 Results of PBT and vPvB assessment**

No information provided.

### **12.6 Other adverse effects**

No information provided.

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## **13. DISPOSAL CONSIDERATIONS**

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### **13.1 Waste treatment methods**

|                       |  |
|-----------------------|--|
| <b>Waste disposal</b> | Dispose of to an approved landfill or waste processing site. Contact the manufacturer/supplier for additional information (if required). |
| <b>Legislation</b>    | Dispose of in accordance with relevant local legislation.  |

## 14. TRANSPORT INFORMATION

### NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF DOT, IMDG OR IATA

|                                    | LAND TRANSPORT (DOT) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|------------------------------------|----------------------|----------------------------|-----------------------------|
| <b>14.1 UN Number</b>              | None allocated.      | None allocated.            | None allocated.             |
| <b>14.2 Proper Shipping Name</b>   | None allocated.      | None allocated.            | None allocated.             |
| <b>14.3 Transport hazard class</b> | None allocated.      | None allocated.            | None allocated.             |
| <b>14.4 Packing Group</b>          | None allocated.      | None allocated.            | None allocated.             |

#### 14.5 Environmental hazards

No information provided.

#### 14.6 Special precautions for user

## 15. REGULATORY INFORMATION

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

#### **US EPCRA and CAA Regulatory Information**

The following components are subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act (CAA):

None of the components of this product are listed on the SARA/CERCLA/CASA lists.

#### **Carcinogenicity**

The following components are reported to be carcinogenic:

None of the components of this product are listed on the NTP/IARC/OSHA lists.

#### **Inventory listings**

UNITED STATES: TSCA (US Toxic Substances Control Act)

All components are listed on the TSCA inventory, or are exempt.

AUSTRALIA: AICS (Australian Inventory of Chemical Substances)

All components are listed on AICS, or are exempt.

## 16. OTHER INFORMATION

### 16.1 Additional information

**RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

#### **PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### **HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### **CONTACT NUMBER FOR POISONS CENTRE**

For advice, immediately contact a doctor, ambulance, or, a Poison Information Centre:

USA - American Association of Poison Control Centres 1-800-222-1222

Canadian Poison Centres – Ontario (24/7): Telephone: 416-813-5900; Toll free: 1-800-268-9017

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### 16.2 Abbreviations

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists                                       |
| CAA               | Clean Air Act   |
| CAS #             | Chemical Abstract Service number - used to uniquely identify chemical compounds                 |
| CERCLA            | Comprehensive Environmental Response, Compensation, and Liability Act                           |
| CNS               | Central Nervous System  |
| EC No.            | EC No - European Community Number   |
| EMS               | Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)                   |
| EPCRA             | Emergency Planning and Community Right-to-Know Act  |
| GHS               | Globally Harmonized System  |
| IARC              | International Agency for Research on Cancer   |
| LC50              | Lethal Concentration, 50% / Median Lethal Concentration   |
| LD50              | Lethal Dose, 50% / Median Lethal Dose   |
| mg/m <sup>3</sup> | Milligrams per Cubic Metre  |
| NTP               | U.S. National Toxicology Program  |
| OEL               | Occupational Exposure Limit   |
| OSHA              | Occupational Safety and Health Administration   |
| PEL               | Permissible Exposure Limit  |
| pH                | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| ppm               | Parts Per Million   |
| RCRA              | Resource Conservation and Recovery Act  |
| RQ                | Reportable Quantity measured in pounds (304, CERCLA)  |
| SARA              | Superfund Amendments and Reauthorization Act  |
| STEL              | Short-Term Exposure Limit   |
| STOT-RE           | Specific target organ toxicity (repeated exposure)  |
| STOT-SE           | Specific target organ toxicity (single exposure)  |
| TLV               | Threshold Limit Value   |
| TPQ               | Threshold Planning Quantity measured in pounds (302)  |
| TQ                | Threshold Quantity measured in pounds (CAA)   |
| TWA               | Time Weighted Average   |

### 16.3 Summary Of Codes

|     |  |
|-----|--|
| RQ  | Reportable Quantity measured in pounds (304, CERCLA)   |
| TQ  | Threshold Quantity measured in pounds (CAA)  |
| TPQ | Threshold Planning Quantity measured in pounds (302)   |
| ^   | Reporting threshold has changed since November 1998.   |
| +   | Member of PAC category.  |
| #   | Member of diisocyanate category.   |
| X   | Indicates that this is a second name for a chemical already included on this consolidated list. May also indicate that the same chemical with the same CAS number appears on another list with a different chemical name.                                  |
| *   | RCRA carbamate waste: statutory one-pound RQ applies until RQs are adjusted.   |
| **  | This chemical was identified from a Premanufacture Review Notice (PMN) submitted to EPA. The submitter has claimed certain information on the submission to be confidential, including specific chemical identity.   |
| *** | Indicates that no RQ is assigned to this generic or broad class, although the class is a CERCLA hazardous substance. See 50 Federal Register 13456 (April 4, 1985). Values in Section 313 column represent Category Codes for reporting under Section 313. |
| c   | Although not listed by name and CAS number, this chemical is reportable under one or more of the EPCRA section 313 chemical categories.  |
| s   | Indicates that this chemical is currently under a administrative stay of the EPCRA section 313 reporting requirements, therefore, no Toxics Release Inventory reports are required until the stay is removed.  |
| !   | Member of the dioxin and dioxin-like compounds category.   |

### 16.4 Prepared by

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