



# SAFETY DATA SHEET

## Rapid Grind Pro

NON-Hazardous Substance, NON-Dangerous Goods

### Section 1: Identification

A detergent based concrete grinding aid

**Product Identifier** Grinding Lubricant  
Trade name: **Rapid Grind Pro**

**Recommended Use** Cutting lubricant for diamond grinding tools when used for concrete surface preparation

**Details of supplier of the SDS** Concrete Chemical Company  
2/58 Pritchard Rd  
Virginia Q 4014  
**Contact Person**  
Scott Swift, Managing Director

**24/7 Emergency**  
1300 792 207

**Email**  
sales@concretechemical.co

### Section 2: Hazard Identification

- 2.1 Classification of the substance or mixture** Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".
- 2.2 Poison Schedule** Not classified
- 2.3 Hazard Statements**
- H315 Causes skin irritation
  - H317 May cause allergic skin reaction
  - H319 Causes serious eye irritation
- Precautionary Statement - Prevention**
- P103 Read label before use
  - P104 Read Safety Data Sheet before use
  - P264 Wash arms, hand and face after handling
  - P272 Contaminated clothing should not be allowed out of the workplace
  - P273 Avoid release into the environment
  - P280 Wear gloves and eye protection
- Precautionary Statement - Response**
- P302+P352 If on skin: Wash with plenty of water
  - P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing
  - P310 If ingested: Call a Poisons Centre for advice
  - P332+P313 If skin irritation occurs: Get medical attention
  - P362 Take off contaminated clothing and wash before use
  - P501 Dispose of contents in accordance with local and state regulations

### Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Citrus Soap	None assigned	20-60%
Alkylphenol Alkoxyolate	69029-39-6	<5%
Water	-	To 100%

### Section 4: First Aid Measures

#### 4.1 General First Aid Information

##### Eye Contact

If in eyes: Rinse cautiously with water for several minutes. Continue rinsing. May cause irritation and redness. Seek medical attention if irritation persists.

##### Inhalation

Not considered a hazard. If spraying material is considered non-tox and pose no safety or health threat but may cause irritation to nose and throat.

##### Skin Contact

If on skin: wash with plenty of soap and running water. If irritation persists seek medical advice.

**Ingestion**

Discomfort in stomach and intestinal tract may occur. Immediately give milk or water. Do not induce vomiting. First aid is generally not required. Call a doctor if necessary.

**Advice to Doctor**

Treat symptomatically. **Positions Information Centre Australia 131 126.**

**4.2 Symptoms Caused by Exposure**

None known

**Section 5: Fire-Fighting Measures**

Not flammable.

If involved in a fire, there is no restriction on types of fire extinguishers used in the immediate area.

There is no explosion risk.

**Hazchem Code** None

**Section 6: Accidental Release Measures****6.1 Personal Precautions, Protective Equipment (PPE) and Emergency Procedures**

Avoid contact with skin and eyes. Protective globes and eye protection are advised for all chemicals even when classified as non-hazardous.

**6.2 Clean-up and Containment Methods**

Minor hazard. Collect liquid with absorbent or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for land fill if absorbed spillage is in sealed containers.

**Section 7: Handling and Storage****7.1 Precautions for Safe Handling**

Maintain high standards of hygiene. As with all chemicals wash hands after use. Avoid contact with eyes, skin and mouth.

**7.2 Precautions for Storage**

Store in original containers. Do not allow to freeze. Store away from foodstuffs.

**Section 8: Exposure Controls / Personal Protection****8.1 Occupational Exposure Limit Values.**

No exposure standards have been established for this material by Safework Australia. However, with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:	No specific controls are needed. Normal room or worksite ventilation is adequate.
Respiratory Protection:	Normal room ventilation is adequate.
Skin Protection:	Wear protective chemical resistant gloves and eye protection.
Eye Protection:	Wear safety glasses or goggles.

**8.2 Personal Protective Equipment**

Wear protective gloves and safety glasses or goggle eye protection. Normal room ventilation is adequate. If spraying use a gauze dust mask to capture any airborne mist particles.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Transparent reddish liquid
<b>Odour</b>	Slight, sweet citrus
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Approximately 7
<b>Initial Boiling Point</b>	Commences 100°C
<b>Freezing Point</b>	0°C (water)
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Not flammable
<b>Explosive Limits</b>	Not applicable
<b>Vapour Pressure</b>	Not measured
<b>Specific Gravity</b>	1.04
<b>Solubility in Water</b>	100% Dispersible
<b>Explosive Properties</b>	Will not explode
<b>Oxidising Properties</b>	Data not available
<b>Auto Ignition Temperature</b>	Not capable of auto ignition
<b>Decomposition Temperature</b>	Will not decompose

**Section 10: Stability and Reactivity****10.1 Reactivity and Chemical Stability**

Stable under normal conditions of use.

**10.2 Possibility of Hazardous Reaction**

Hazardous polymerization will not occur.

**10.3 Conditions to Avoid**  
Stable under normal conditions.

**10.4 Hazardous decomposition Products**  
Will not occur.

## Section 11: Toxicological Information

### Acute Toxicity – Oral Exposure

Has been classified as harmful by ingestion. Ingestion may irritate the gastric tract causing vomiting and nausea.

### Acute Toxicity – Dermal Exposure

This material is not thought to produce adverse health effects or skin irritation from contact. Nevertheless, good hygiene practice requires skin to be protected from any chemical contact.

### Acute Toxicity – Inhalation Exposure

Not thought to produce adverse health effects from inhalation. Nevertheless, good hygiene practice requires avoiding breathing any chemical product. Avoid spray mist if spraying – use dust / vapour mask.

### Chronic Exposure

Long term exposure to the product is not thought to produce any chronic health effects. Nevertheless, exposure by all routes should be minimised as a matter of course.

### Skin Contact and Irritation

Not thought to produce adverse health effects from skin contact. However, prolonged contact can cause irritation and redness.

### Serious Eye Damage and Irritation

Not thought to produce longer term adverse health effects from eye contact. Refer to first aid procedures in section 4 above.

### Cell Mutagenicity

Not considered mutagenic.

### Carcinogenicity

Not considered to be carcinogenic.

### Reproductive Toxicity

Not applicable

### Target Organ Toxicity from Single Exposure

Not applicable

### Target Organ Toxicity from Repeated Exposure

Not applicable

### Aspiration hazard

Not applicable

### Additional Toxicity Information

Data not available

## Section 12: Ecological Information

**12.1 Ecotoxicity**  
No information as to toxic aquatic life. Avoid release to the environment. Dispose of contents in accordance with local, state and federal regulations.

**12.2 Persistence and Degradability**  
Data not available.

**12.3 Bioaccumulative Potential**  
Data not available.

**12.4 Mobility in Soil**  
Data not available

**12.5 Other adverse Ecological Effects**  
Data not available

## Section 13: Disposal Considerations

**13.1 Waste Treatment Methods**  
Do not allow into drains or watercourses. Wastes are not controlled wastes but should be disposed of in accordance with any applicable regulations.  
Absorbed spillages are suitable for land fill disposal.

## Section 14: Transportation Information

**Not regulated for transport of dangerous goods.**

**14.1 UN Number**  
None

- 14.2 Proper Shipping Name or Technical Name**  
Water based diluted soap
- 14.3 Transport Hazard DG Class**  
None (ADG7)
- 14.4 Packing Group**  
Not regulated
- 14.5 Special Provisions**  
No data available
- 14.6 Label**  
No specific requirement
- 14.7 Hazchem code**  
Not applicable
- 14.8 EPG Number**  
Not applicable

## Section 15: Regulatory Information

- 15.1 General Information**  
No data available
- 15.2 Poisons Schedule**  
Not applicable
- 15.3 National / Regional Inventories**  
AICS listed

## Section 16: Other Information

- 16.1 Revision and Date of SDS**  
Issue number 1, dated 09 July 2024

### Disclaimer

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Concrete Chemical Company cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Concrete Chemical Company representative or Concrete Chemical Company at the contact details on page 1.

Concrete Chemical Company responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

**End of Safety Data Sheet**