



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

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| Product Identifier | GINASUL POWDER 68P |
| Other Names | Alpha Olefin Sulphonate Powder, Sodium Alpha Olefin Sulphonate |
| Manufacturer's Product Code | 14003 |
| Recommended Use | Detergent raw material, wetting agent |

Details of Supplier/Manufacturer

| | |
|----------|---|
| Company: | Recochem Inc. ABN: 69 010 485 999 |
| Address: | 1809 Lytton Road, Lytton, Queensland 4178 |
| Phone: | (07) 3308 5200 Fax: (07) 3308 5201 |
| Website: | www.recochem.com.au |

Emergency Telephone Numbers

| | |
|----------------------|---|
| Business Hours: | (07) 3308 5200 |
| After Hours: | 1300 131 001 |
| Poisons Information: | Australia: 13 11 26 New Zealand: 0800 764 766 |

SECTION 2 HAZARDS IDENTIFICATION

| | |
|----------------------------|---|
| Hazardous chemical | <i>according to classification by Safe Work Australia</i> |
| Non-dangerous goods | <i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i> |

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|--------------------|---------------|
| Signal Word | DANGER |
|--------------------|---------------|

| Hazardous chemical classification | Pictogram | Hazard statement |
|---|----------------------|--------------------------------|
| Serious Eye Damage/Irritation, Category 1 | CORROSION | H318 Causes serious eye damage |
| Skin Corrosion/Irritation, Category 2 | EXCLAMATION MARK | H315 Causes skin irritation |

Product: GINASUL POWDER 68P**Precautionary statements:**

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|---------------------|---|
| <i>GENERAL</i> | |
| P101 | If medical advice is needed, have product container or label at hand |
| P102 | Keep out of reach of children |
| P103 | Read label before use |
| <i>PREVENTATIVE</i> | |
| P264 | Wash thoroughly after handling |
| P280 | Wear protective gloves/eye protection/face protection |
| <i>RESPONSE</i> | |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P310 | Immediately call a POISON CENTRE or doctor/physician |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention |
| P362 | Take off contaminated clothing and wash before reuse |

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS**Ingredients Names and Proportions**

| Chemical Entity | CAS Number | Proportion (%) |
|-----------------------------------|------------|----------------|
| Sodium (C14-C16) Olefin Sulfonate | 68439-57-6 | 92 |

SECTION 4 FIRST AID MEASURES**Description of necessary first aid measures**

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|---------------|---|
| Inhalation: | Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. |
| Skin Contact: | If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention. |
| Eye Contact: | If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists, seek medical attention. |
| Ingestion: | If swallowed, do NOT induce vomiting. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. |

Symptoms caused by exposure

| | |
|-------------|---|
| Inhalation: | Not expected to cause irritation. |
| Skin: | May include redness, swelling, pain, blisters. |
| Eye: | May include redness, burning, blurred vision or swelling. |
| Ingestion: | Not expected to cause irritation. |

Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

Specific hazards arising from the chemical

When heated to decomposition, may emit oxides of carbon and sulphur.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks.

Environmental precautions

Use appropriate containment to avoid environmental contamination.

Methods and materials for containment and cleaning up

For spills, use appropriate tools to put spilled material in a waste disposal container. Dispose of safely in accordance with regional regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust, keep container closed. Handle open containers in a well-ventilated area. Do not empty into drains. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Conditions for safe storage, including any incompatibilities

Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - No exposure standard documented.

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Individual protection measures

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|--------------------------|---|
| Eye and face protection: | Wear safety goggles. |
| Skin protection: | Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes. |
| Respiratory protection: | If work practices do not maintain adequate ventilation, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority. |
| Thermal hazards: | Not applicable. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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|---|--------------------|
| Appearance: | Off-white powder |
| Odour: | None |
| Odour threshold (ppm): | Data not available |
| pH (5% solution): | 8 – 10 |
| Melting point/freezing point (°C): | Data not available |
| Initial boiling point and boiling range (°C): | > 100 |
| Flash point (°C): | Data not available |
| Evaporation rate (Butyl acetate = 1): | Data not available |
| Flammability: | Non combustible |
| Upper/lower flammability or explosive limits (%): | Data not available |
| Vapour pressure (kPa @ 20°C): | Data not available |
| Vapour density (air = 1): | Data not available |
| Density (g/ml @ 25°C): | 0.4 |
| Solubility: | Soluble in water |
| Partition coefficient: n-octanol/water: | Data not available |
| Auto-ignition temperature (°C): | Data not available |
| Decomposition temperature (°C): | Data not available |
| Kinematic viscosity (mm ² /s @ 20°C): | Data not available |

SECTION 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

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

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Burning can produce carbon monoxide and/or carbon dioxide, and oxides of sulphur.

SECTION 11 TOXICOLOGICAL INFORMATION

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|--|---|
| Acute toxicity: | Expected to be of low toxicity (LD50 Mouse > 4000mg/kg) |
| Skin corrosion/irritation: | Irritant |
| Serious eye damage/irritation: | Irritant |
| Respiratory or skin sensitisation: | Not expected to be a sensitiser |
| Germ cell mutagenicity: | No expected to be mutagenic |
| Carcinogenicity: | Not expected to be carcinogenic |
| Reproductive toxicity: | Not expected to impair fertility |
| Specific Target Organ Toxicity (STOT) – single exposure: | Data not available. |
| Specific Target Organ Toxicity (STOT) – repeated exposure: | Data not available |
| Aspiration hazard: | Not considered an aspiration hazard. |

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating waterways.

Acute toxicity:

| | |
|------------------------|--------------------|
| Fish – | Data not available |
| Aquatic invertebrate – | Data not available |
| Algae – | Data not available |
| Microorganisms – | Data not available |

Chronic toxicity:

| | |
|------------------------|--------------------|
| Fish – | Data not available |
| Aquatic invertebrate – | Data not available |
| Algae – | Data not available |
| Microorganisms – | Data not available |

Persistence and degradability

Biodegradable.

Bioaccumulative potential

Data not available.

Mobility in soil

Miscible with water.

Other adverse effects

Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

| | |
|--|----------------|
| UN number: | Not applicable |
| Proper shipping name: | Not applicable |
| Australian Dangerous Goods class: | Not applicable |
| Australian Dangerous Goods packing group: | Not applicable |
| Hazchem code: | Not applicable |

SECTION 15 REGULATORY INFORMATION

| | |
|---|----------------|
| Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: | Not scheduled |
| Australian Inventory of Chemical Substances (AICS): | Listed |
| Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76): | Not applicable |

SECTION 16 OTHER INFORMATION

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|---------------------------|-------------------------------|
| Date of preparation: | 02/05/2017 |
| Revision number: | 6 |
| Changes in this revision: | Updated hazard classification |

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.
