

# Material Safety Data Sheet

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Not classified as Hazardous according to criteria of Worksafe Australia

## FRAID

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Brisbane Total Cleaning Supplies**

**ABN 30 239 269 224**

**Unit 9, 29 Moreton Bay Road**

**CAPALABA QLD 4157**

**Phone: +61 7 3823 1822**

**Fax: +61 7 3823 1949**

**Email: sales@btcs.com.au**

**Product Name:**

**FRAID**

**Synonyms:**

FINAL RINSE AID

**Manufacturer's Product Code(s):**

FRAID

**Use:**

FINAL RINSE AID IN DISHWASHING MACHINES

**UN Number:**

None allocated

**Proper Shipping Name:**

None allocated

**Dangerous Goods Class:**

None allocated

**Subsidiary risk:**

None allocated

**Packing Group:**

None allocated

**Hazchem Code:**

None allocated

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE NAME          | Proportion | CAS Number |
|-------------------------|------------|------------|
| ALCOHOL ALKOXYLATE      | 10 - 30 %  | 37311-00-5 |
| CIRIC ACID              | 0 - 5%     | 77-92-9    |
| OTHER INERT INGREDIENTS | BALANCE    |            |

### 3. HAZARD IDENTIFICATION

Not Classified as hazardous according to the criteria of Worksafe Australia

**Hazard Category: None**

#### ACUTE HEALTH EFFECTS

**Swallowed:** May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

**Eye:** May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

**Skin:** May cause irritation to the skin, with effects including redness and itchiness.

**Inhaled:** May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and possible confusion.

**Chronic:** Prolonged or repeated skin contact may lead to dermatitis.

### 4. FIRST AID MEASURES

**Swallowed:** If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor.

**Eye:** If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

**Skin:** If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.

**Inhaled:** Open all doors, windows and/or vents. Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

**First Aid Facilities:** Eye wash fountain, safety shower and normal washroom facilities.

**Advice to Doctor:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Fire/Explosion Hazard:** If safe to do so, move undamaged containers from fire area.

**Hazardous Decomposition Products:** Decomposes on heating emitting soot, smoke and decomposition products.

**Fire Fighting Procedures:** Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

**Extinguishing Media:** Use extinguishing media suitable for surrounding fire situation.

**Flammability:** This material is not a flammable or combustible liquid.

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### 6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal. Remainder of material can be washed to drain with plenty of water.

**Disposal:** For disposal information contact the State Land Waste Management Authority or the Environmental Protection Agency.

### 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards

**Engineering Controls:** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

#### Personal Protection Equipment

CLOTHING: PVC or natural rubber apron or splash suit.

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>Appearance:</b>                  | LOW VISCOSITY BLUE LIQUID LOW ODOUR |
| <b>Boiling Point Melting Point:</b> | 100 oC                              |
| <b>Vapour Pressure:</b>             | N/Av                                |
| <b>Specific Gravity:</b>            | 0.95                                |
| <b>Flash Point:</b>                 | Non flammable                       |
| <b>Flammability Limits:</b>         | Non flammable                       |
| <b>Solubility in Water:</b>         | Complete                            |

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Emits smoke and fumes when heated to decomposition.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITIES:** Strong alkalis, acids, oxidizing agents.

**CONDITIONS TO AVOID:** Heat, flames, ignition sources and incompatibles.

### 11. TOXICOLOGICAL INFORMATION

**RISK PHRASES :** Nil

**SAFETY PHRASES :** Nil

### 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Identified as a marine pollutant by the International Maritime Organisation.

Biological Oxygen Demand [BOD 28 Dy/COD] [OCED 301C] 42% [2]

Dissolved Organic Carbon Removal [DOC removal] [OECD 301C] 87% [2]

Biodegradability [porous pot] [Bismuth Active substance] 91.7% [2]

Biodegradability [OCED 301C] Carbon dioxide evolution 76% [2]

Very toxic to aquatic organisms:-

96 hr LC 50 [Rainbow Trout]: 0.65 mg/l semi static [2]

48 hr EC 50 [Daphnia Magna]: 0.66 - 0.69 mg/l [2]

48 hr EC 50 [Tisbe Battagliai]: 1.56 mg/l [2]

6 hr IC 10 [pseudomonas putrida]: 125 mg/l [2]

6 hr IC 50 [Pseudomonas putrida]: 540 mg/l [2]

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### 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. TRANSPORT INFORMATION

|                               |                |
|-------------------------------|----------------|
| <b>UN Number:</b>             | None allocated |
| <b>Proper Shipping Name:</b>  | None allocated |
| <b>Dangerous Goods Class:</b> | None allocated |
| <b>Subsidiary risk:</b>       | None allocated |
| <b>Packing Group:</b>         | None allocated |
| <b>Hazchem Code:</b>          | None allocated |

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT (US), IACO (IATA) or IMO (IMDG). Non Dangerous Good according to the ADG Code (6th Edition).

### 15. REGULATORY INFORMATION

**Poison Schedule:** None allocated

### 16. OTHER INFORMATION

|                       |                  |                 |
|-----------------------|------------------|-----------------|
| <b>Contact Point:</b> | Sales Department | +61 7 3823 1949 |
|                       | Mobile           | 0428 835 955    |

**Disclaimer:** The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

**In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 13 11 26**

**In New Zealand Tel: 034 747 000**