

# SAFETY DATA SHEET

## Damp Rid Container Twin Pack

### Section 1. Identification

<b>Product name</b>	: Damp Rid Container Twin Pack
<b>Other means of identification</b>	: FG60
<b>Product type</b>	: Solid
<b>Supplier/Manufacturer</b>	: Award Concepts Ltd. P.O. Box 38758 Norwick Auckland, New Zealand Tel: +64-9-272-2840
<b>e-mail address of person responsible for this SDS</b>	: Greg.Jackson@wmbarr.com
<b>Emergency telephone number (with hours of operation)</b>	: 3E 24 Hour Emergency Contact +1-800-451-8346

### Section 2. Hazards identification

<b>HSNO Classification</b>	: 6.1 - ACUTE TOXICITY: ORAL - Category D 6.4 - EYE IRRITATION - Category A (Mild irritant) 6.9 - SPECIFIC TARGET ORGAN TOXICITY (SINGLE OR REPEATED EXPOSURE) gastrointestinal tract and eyes - Category B 9.1 - AQUATIC ECOTOXICITY - Category D
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This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

This material is classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.

#### GHS label elements

<b>Signal word</b>	: Warning
<b>Hazard statements</b>	: Harmful if swallowed. Causes eye irritation. May cause damage to organs. (eyes) May cause damage to organs through prolonged or repeated exposure. (gastrointestinal tract) Harmful to aquatic life.

#### **Precautionary statements**

<b>Prevention</b>	: Read label before use. Avoid release to the environment. Keep out of reach of children. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If medical advice is needed, have product container or label at hand.
<b>Response</b>	: IF SWALLOWED: Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Wash hands after handling. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell.
<b>Storage</b>	: Store locked up.
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### **Symbol**



**Other hazards which do not result in classification** : Not available.

### Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>CAS number/other identifiers</b>	
<b>CAS number</b>	: Not applicable.
<b>EC number</b>	: Mixture.
<b>Product code</b>	: Not available.

Ingredient name	%	CAS number
Calcium chloride	60 - 100	10043-52-4
Potassium chloride	1 - 5	7447-40-7
Sodium chloride	1 - 5	7647-14-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

### Section 4. First-aid measures

#### Description of necessary first aid measures

- Inhalation** : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
- Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 20 minutes. Get medical attention.

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

##### Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : Harmful if swallowed. May be irritating to mouth, throat and stomach.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : Causes eye irritation.

##### Over-exposure signs/symptoms

- Inhalation** : No specific data.
- Ingestion** : No specific data.
- Skin** : No specific data.
- Eyes** : Adverse symptoms may include the following:  
irritation  
watering  
redness

#### Indication of immediate medical attention and special treatment needed, if necessary

- Specific treatments** : Not available.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable** : Use an extinguishing agent suitable for the surrounding fire.

**Not suitable** : None known.

**Specific hazards arising from the chemical** : This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
halogenated compounds  
metal oxide/oxides

**Hazchem code** : Not available.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and materials for containment and cleaning up

**Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## Section 7. Handling and storage

**Precautions for safe handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

## Section 8. Exposure controls/personal protection

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Solid. [Pellets or flakes.]
- Colour** : White to off-white.
- Odour** : Odourless.
- Odour threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : 187.22°C (369°F)
- Flash point** : Not available.
- Burning rate** : Not available.
- Burning time** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapour pressure** : Not available.
- Vapour density** : Not available.
- Relative density** : 2.15
- Solubility** : Partially soluble in the following materials: cold water and hot water.
- Octanol/water partition coefficient** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.

## Section 9. Physical and chemical properties

**SADT** : Not available.  
**Viscosity** : Not available.

## Section 10. Stability and reactivity

**Chemical stability** : The product is stable.  
**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
**Conditions to avoid** : Avoid release to the environment.  
**Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials and acids.  
 Slightly reactive or incompatible with the following materials: metals.  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on the likely routes of exposure

**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : Harmful if swallowed. May be irritating to mouth, throat and stomach.  
**Skin contact** : No known significant effects or critical hazards.  
**Eye contact** : Causes eye irritation.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation** : No specific data.  
**Ingestion** : No specific data.  
**Skin contact** : No specific data.  
**Eye contact** : Adverse symptoms may include the following:  
 irritation  
 watering  
 redness

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Calcium chloride	LD50 Oral	Rat	1 g/kg	-
Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-

#### Potential chronic health effects

**General** : May cause damage to organs through prolonged or repeated exposure.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Eye contact** : No known significant effects or critical hazards.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

#### Specific target organ toxicity

Name	Target organs
Potassium chloride	eyes and gastrointestinal tract

## Section 11. Toxicological information

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	1151.8 mg/kg

## Section 12. Ecological information

**Ecotoxicity** : This material is harmful to aquatic life.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
Calcium chloride	Acute EC50 4000000 to 5455000 ug/L Fresh water	Crustaceans - Eudiaptomus padanus padanus - Adult - 0.43 mm	48 hours
	Acute EC50 52000 ug/L Fresh water	Daphnia - Daphnia magna - 12 hours	48 hours
	Acute LC50 4630000 to 5360000 ug/L Fresh water	Fish - Pimephales promelas - 1 to 7 days	96 hours
Potassium chloride	Acute EC50 83000 ug/L Fresh water	Daphnia - Daphnia magna - 12 hours	48 hours
Sodium chloride	Acute LC50 435000 ug/L Fresh water	Fish - Gambusia affinis - Adult	96 hours
	Acute EC50 402600 to 469200 ug/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 >5600000 ug/L Fresh water	Crustaceans - Asellus communis	48 hours
	Acute LC50 1000000 ug/L Fresh water	Fish - Morone saxatilis - LARVAE	96 hours

### Persistence/degradability

Not available.

### Soil mobility

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

### International transport regulations

**New Zealand / ADG / UN / IMDG / IATA Classes** : Not regulated by any transport mode.

## Section 15. Regulatory information

**New Zealand Inventory of Chemicals (NZIoC)** : All components are listed or exempted.

**HSNO Approval Number** : Not available.

**HSNO Group Standard** : Not available.

**HSNO Classification** : 6.1 - ACUTE TOXICITY: ORAL - Category D  
6.4 - EYE IRRITATION - Category A (Mild irritant)  
6.9 - SPECIFIC TARGET ORGAN TOXICITY (SINGLE OR REPEATED EXPOSURE) gastrointestinal tract and eyes - Category B  
9.1 - AQUATIC ECOTOXICITY - Category D

**Australia inventory (AICS)** : All components are listed or exempted.

**Safety, health and environmental regulations specific for the product** : No known specific national and/or regional regulations applicable to this product (including its ingredients).

## Section 16. Other information

**References** : - Management of Substances Hazardous to Health (MOSHH) in the place of work (package), Occupational Safety and Health  
- Hazardous Substances and New Organisms Act  
- Land Transport Rule: Dangerous Goods 2005

**MSDS authored by:** : KMK Regulatory Services inc.

### History

**Date of issue (dd/mm/yyyy)** : 10/15/2009

**Version** : 1

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.