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## SAFETY DATA SHEET

ISSUED DATE: August 2014

REVISION: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ice Brick Small, Large  
ITEM CODE: 42010753, 42010760

### 2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to Safe Work Australia.  
Not classified as harmful or dangerous by EC Directives.

### 3. CHEMICAL COMPOSITION / INGREDIENTS INFORMATION

Chemical Name	CAS	Percentage
Water	7732-18-5	99.4
sodium polyacrylate	9003-04-7	0.5
isothiazolinones	55965-84-9	0.1

### 4. FIRST AID MEASURES

**SWALLOWED:** Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**EYE:** If this product comes in contact with eyes, wash out immediately with water. If irritation continues, seek medical attention.

**SKIN:** If skin or hair contact occurs, flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

**INHALED:** If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING

Vapour Pressure (kPa): Not Available

Upper Explosive Limit (%): Not Available

Specific Gravity (water=1): Not Available

Lower Explosive Limit (%): Not Available

**EXTINGUISHING MEDIA:** There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

**FIRE FIGHTING:** Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves for fire only. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area.

#### **GENERAL FIRE HAZARDS/HAZARDOUS COMBUSTIBLE PRODUCTS**

Non-combustible. Not considered a significant fire risk, however containers may burn.

**FIRE INCOMPATIBILITY:** None known.

## 6. ACCIDENTAL RELEASE MEASURES

**MINOR SPILLS:** Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite.

**MAJOR SPILLS:** Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them location and nature of hazard. Control personal contact by using protective equipment as required. Prevent spillage from entering drains or water ways.

## 7. HANDLING AND STORAGE

**PROCEDURE FOR HANDLING:** Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with incompatible materials.

**RECOMMENDED STORAGE METHODS:** Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.

### STORAGE REQUIREMENTS:

**SUITABLE CONTAINER:** Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.

**STORAGE INCOMPATIBILITY:** Avoid contamination of water, foodstuffs, feed or seed. None known.

## 8. EXPOSURE CONTROLS/PPE

### EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>	Peak ppm	Peak mg/m <sup>3</sup>	TWA F/CC	Notes
Canada – Ontario Occupational Exposure Limits	Sodium polyacrylate (Specified (PNOS) / Particules (insolubles ou peu solubles) non précisées par ailleurs)		3 (R)						
Canada – Ontario Occupational Exposure Limits	Sodium polyacrylate (Particles (Insoluble or Poorly Soluble) Not Otherwise)		10 (I)						

The following materials had no OELs on our records

water: CAS:7732- 18- 5

isothiazolinones, mixed: CAS:55965- 84- 9

### MATERIAL DATA

ICE BOX: Not available

WATER: No exposure limits set by NOHSC or ACGIH.

**SODIUM POLYACRYLATE:** It is the goal of the ACGIH (and other Agencies) to recommend TLVs (or their equivalent) for all substances for which there is evidence of health effects at airborne concentrations encountered in the workplace. At this time no TLV has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). NOTE: The ACGIH occupational exposure standard for Particles Not Otherwise Specified (P.N.O.S) does NOT apply. Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat. Historically occupational exposure standards for these irritants have been based on observation of workers' responses to various airborne concentrations.

**ISOTHIAZOLINONES, MIXED:** Not available

### PERSONAL PROTECTION

**EYE:** Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent].

**HANDS/FEET:** Wear general protective gloves, eg. light weight rubber gloves. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include:

- frequency and duration of contact,

- chemical resistance of glove material,
- glove thickness and
- dexterity.

OTHER: No special equipment needed when handling small quantities.

OTHERWISE:

- Overalls.
- Barrier cream.
- Eyewash unit.

ENGINEERING CONTROLS: Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES (Lotion)

State Liquid	Molecular Weight Not Available
Melting Range (°C) Not Available	Viscosity Not Available
Boiling Range (°C) Not Available	Solubility in water (g/L) Not Available
Flash Point (°C) Not Available	pH (1% solution) Not Available
Decomposition Temp (°C) Not Available	pH (as supplied) Not Available
Autoignition Temp (°C) Not Available	Vapour Pressure (kPa) Not Available
Upper Explosive Limit (%) Not Available	Specific Gravity (water=1) Not Available
Lower Explosive Limit (%) Not Available	Relative Vapour Density Not Available (air=1)
Volatile Component (%vol) Not Available	Evaporation Rate Not Available

## 10. STABILITY AND REACTIVITY

**CONDITIONS CONTRIBUTING TO INSTABILITY:** Product is considered stable and hazardous polymerisation will not occur.

**STORAGE INCOMPATIBILITY:** Avoid contamination of water, foodstuffs, feed or seed. None known. For incompatible materials - refer to Section 7 - Handling and Storage.

## 11. TOXICOLOGICAL INFORMATION

**ICE BOX: TOXICITY AND IRRITATION**

OTHER

No significant acute toxicological data identified in literature search.

## 12. ECOLOGICAL INFORMATION

No data

**Ecotoxicity**

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
sodium polyacrylate	No Data Available	No Data Available		
isothiazolinones, mixed	No Data Available	No Data Available		

## 13. DISPOSAL CONSIDERATIONS

All waste must be handled in accordance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

Not regulated as a Dangerous Good for transport by road or rail.

## 15. REGULATORY INFORMATION

**NZ:** Not classified as hazardous

## 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.