

SUPASORB SUPERABSORBENT

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	HMIS
<b>SupaSorb Absorbent</b>	Health - 1
PRODUCT CODES	Flammability - 1
SGL/1 SGL/10	Reactivity - 0
CHEMICAL FAMILY	Pers. Protection - None
Inert absorbent with fragrance	
USE	
Superabsorbent	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Greenleaf Solutions Ltd	Poisons Information Centre
PO Box 64-125	New Zealand 0800-764-766
Botany, Auckland NZ 1703	Australia 13-1126
DATE OF PREPARATION	TECHNICAL SERVICE TELEPHONE NO. 2
25th, September 2013	0061-9-530 9550

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT
50.0	25600-12-2	Anionic acrylic copolymer
49.5	mixture	Carbohydrate Absorbent
0.5	None	Fragrance

Section 3 -- HAZARDS IDENTIFICATION

U.N. Number:	Not Assigned
Dangerous Goods Class:	Not Assigned
Hazchem Number:	Not Assigned
Poisons Schedule:	Not Assigned
Packaging Group:	Not Assigned
EPG Number:	Not Assigned

Non-Hazardous according to the Worksafe Criteria [NOHSC:1008(1994)]

Hazard Class:	None
Risk Phrases:	None
Safety Phrases:	None
Hazardous Ingredients:	None

Section 4 - HEALTH HAZARDS INFORMATION

HEALTH EFFECTS

ACUTE

Swallowed:	Low toxicity product
Eye:	May cause irritation to eyes, should cease on removal of product
Skin:	Not a skin sensitiser or irritant
Inhaled:	May cause irritation to respiratory system if dust inhaled

CHRONIC

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 Section 5 -- FIRST AID MEASURES  
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If INHALED: If dust is inhaled, remove the casualty to fresh air and clear blocked airways. Keep the casualty at rest, seek medical advice

If on SKIN: Wash contaminated area with soap and water. Contaminated clothing should be washed before reuse.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Obtain medical attention if irritation persists.

If SWALLOWED: Do not make the casualty vomit.  
 If unconscious do not give anything by mouth. Check for Breathing and pulse, if present, place in the recovery Position and obtain medical attention.  
 If conscious rinse out the mouth with water. Give 400 mls of Water to drink immediately and repeated drinks of water at a rate of a cupful every 10 minutes. Obtain medical attention immediately.

Advice to doctor:  
 No specific advice exists for this product, treat patient symptomatically

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 Section 6 -- FIRE FIGHTING MEASURES  
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FLASH POINT  
 None

EXTINGUISHING MEDIA  
 Non-flammable. Foam, dry powder, carbon dioxide, in preference to water spray. (This product becomes very slippery when wet)

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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 Section 7 -- ACCIDENTAL RELEASE MEASURES  
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Personal precautions: Avoid dust formation. Use personal protective Equipment, effective dust mask.

Environmental precautions: Do not let product enter drains. Do not Contaminate surface water.

Methods for cleaning up: Sweep up and shovel into suitable containers For disposal. Residues or small spillages should Be hosed away completely with water. Spilled Product which becomes wet or spilled aqueous Solutions create a hazard because of their Slippery nature. The spillage should be contained With earth or sand and removed for disposal.

Disposal: Refer to the relevant waste management authority

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 Section 8 -- HANDLING AND STORAGE  
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Handling: As with many organic powders flammable dust clouds may be formed. Avoid creating dust and keep away from sources of ignition. Do Not breath dust. Do not eat, drink or smoke whilst handling the Product. Wash hands after use. Remove contaminated clothing Immediately and launder before reuse. Wash hands after use.

Storage: Avoid wet, damp and humid conditions. Keep in a dry cool place. Avoid extremes of temperature.

Transport:

Australian Dangerous Goods code: Not classified as dangerous

New Zealand Dangerous Goods code: Not classified as dangerous

IMDG: Not classified as dangerous

ICAO: Not classified as dangerous

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 Section 9 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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Exposure Standards: None allocated to this product. However the recommended Exposure limit for dust of a general nature is 10 mg/m<sup>3</sup> Of respirable dust. (NOHSC:3008 (1991) 14.28)

Engineering controls: Ensure adequate ventilation, especially in confined Areas. Provide appropriate exhaust ventilation at Places where dust is formed.

Personal Protection

Respiratory: If dust is created use an effective dust mask.

Hand: Rubber or plastic gloves

Eye: Goggles

Skin & Body: Lightweight protective clothing

Flammability: Product does not pose a flammability hazard under Normal circumstances. As with many organic powders Flammable dust clouds may be formed.

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 Section 10 -- PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING POINT: Not applicable  
 SPECIFIC GRAVITY (H2O = 1): Not applicable  
 VAPOR PRESSURE (mm Hg): Not applicable  
 MELTING POINT: Not determined  
 VAPOR DENSITY (AIR = 1): Not applicable  
 EVAPORATION RATE (ETHYL ACETATE = 1): Not applicable  
 APPEARANCE/ODOR: White powder spice fragrance  
 FOAM: Dry flowable granules  
 SOLUBILITY IN WATER: Swells to form a gel  
 BULK DENSITY: 0.60 g/cm<sup>3</sup>

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 Section 11 -- STABILITY AND REACTIVITY  
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STABILITY: Stable at ambient temperatures

CONDITIONS TO AVOID: No special precautions other than good housekeeping of Chemicals. Avoid extremes of temperature and wet and humid conditions.

MATERIALS TO AVOID: Avoid contact with reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS:  
 No decomposition if stored and applied as directed.  
 Burning may produce carbon monoxide and/or carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

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 Section 12 -- TOXICOLOGY INFORMATION  
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CHRONIC HEALTH HAZARDS  
 Low toxicity product: By analogy to similar products the acute oral LD50 (rat) is expected to be >2000 mg/kg

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 Section 13 -- ECOLOGICAL INFORMATION  
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ECOLOGICAL DATA  
 From data obtained for an analogous product the following results are expected  
 96hr LC50 Freshwater fish (*Brachydanio rerio*) - 357 mg/L  
 48hr LC50 (*Daphnia magna*) - 212 mg/L  
 72hr LC50 Freshwater unicellular algae (*chlorella vulgaris*) - >1000 mg/L  
 24hr LC50 Bacteria (*Psuedomonas putida*) - 892 mg/L

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 Section 14 -- DISPOSAL CONSIDERATIONS  
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Disposal Method: Dispose of in accordance with local, state and federal regulations

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 Section 15 -- TRANSPORTATION INFORMATION  
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DOT: Non-regulated  
 OCEAN (IMDG): Non-regulated  
 AIR (IATA): Non-regulated  
 WHMIS (CANADA): Non-regulated

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 Section 16 -- OTHER INFORMATION  
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The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.