

Material Safety Data Sheet

FAUX SNOW



Date Prepared: 2005/02/07

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1. Substance/preparation and company identification

Company

SnowMasters -SMA

P.O. Box 250

Lexington, AL 35648

24 Hour Emergency Response

CHEMTREC: (800) 424-9300

Emergency: (256) 229-5551

2. Composition/information on Ingredients

CAS Number

9003-04-7

7732-18-5

Content (W/W)

$\geq 94.0 - \leq 96.0\%$

$\geq 4,0 - \leq 6.0\%$

Chemical Name

2-propenoic acid, homopolymer sodium salt

Water

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE SKIN IRRITATION

MAY CAUSE EYE IRRITATION

Use with local exhaust ventilation

Wear a NIOSH-certified (or equivalent) particulate respirator

Wear NIOSH-certified chemical goggles

Wear protective clothing

Eye wash fountains, net safety showers must be easily accessible

Potential health, effects

Primary routes of exposure

Routes of entry for solids and liquids include eye/skin contact, ingestion and inhalation. Route of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Irritation:

Ingestion may cause irritation of the gastrointestinal tract. Contact with powders or dusts may irritate the eyes, skin and respiratory tract.

4. First Aid measures

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

If on skin:

Wash Thoroughly With soap and water if irritation develops, seek medical attention

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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Note to physician

Treatment: Treat according 10 symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:
foam, dry extinguishing media

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear

6. Accidental release measures

Personal precautions:
Breathing protection required

Cleanup:
Spills should be contained and placed in suitable containers for disposal.

Further information:
Forms slippery surfaces with water. High risk of slipping due to leakage/spillage of product.

7. Handling and storage

Handling

General advice:
Handle in accordance With good industrial hygiene and safety practice

Breathing must be protected when large quantities are decanted without local exhaust ventilation.
Avoid the formation and deposition to dust.

Protection against fire and explosion: The product is capable of dust explosion Avoid all sources of ignition heat, sparks, open flame

Storage

General advice:
Keep container dry because product takes up the humidity of air.
Keep container tightly closed and dry; store in a cool place

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:
Breathing protection if dusts are formed.

Hand protection:
Chemical resistant protective gloves.

General safety and hygiene measures:

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Handle In accordance With good industrial hygiene and safely practice. Wearing of closed work clothing is recommended

9. Physical and chemical properties

Form: granules
Odor: odorless
Color: white
pH value: No data available
Auto-ignition Above 400 Celsius
Temperature:
Solubility in H2O: Swells in Water

10. Stability and reactivity

Conditions to avoid:
No conditions known that should be avoided.

Substances to avoid:
strong oxidizing agents

Hazardous reactions:
The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions. The product is stable if stored and handled as prescribed/indicated.

Decomposition products:
Hazardous decomposition products: carbon monoxide, Carbon dioxide, hydrocarbons with temperatures above 200 Celsius.

Corrosion to metals:
No corrosive effect on metal.

11. Toxicological information

Acute toxicity

Oral:
LD50/rat: > 2,000 mg/kg

Dermal:
LD50/rat > 2,000 mg/kg

Skin Irritation:
rabbit: non-irritant (OECD Guideline 404)

Eye Irritation:
rabbit:non-irritant (OECD Guideline 405)

Sensitization:
No sensitizing effect.

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Chronic toxicity

Carcinogenicity: A chronic (2-year) lifetime Inhalation study In rats With repairable super absorber polymer dust (micronized to < 10 µm diameter) resulted In a non-specific Inflammatory response in The lungs followed by lamer development In some rats in the highest chronic exposure level 0.8 mg/m³. In the absence of chronic inflammation, tumors are not expected.

Other Information: The statement was delivered from products of similar composition.

12. Ecological information

Environmental fate and transport

Biodegradation:

Evaluation: The product is not very soluble in water and can thus be removed from water mechanically in suitable effluent treatment pits.

Bioaccumulation:

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

Environmental toxicity

Acute and prolonged toxicity to fish:

OECD Guide-line 203 static
zebra fish/LC50 (96 h): > 100 mg/l

Acute toxicity to aquatic invertebrates:

OECD Guideline 202, part 1 static
Daphnia magna/EC50 (48 h): 100 mg/l

Toxicity to aquatic plants:

OECD Guideline 201 green algae/EC50 (72 h): 100 mg/l
Nominal concentration.

Toxicity to microorganism:

The inhibition of the degradation activity of activated sludge is not Anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to loll dwelling organisms:

OECD Guideline 207 Eisenia foetida/LC50: > 1,000 mg/kg

Other ecotoxicological advice:

Do not release untreated into natural waters the ecotoxic effect of the Product has not been tested the information on this was derived from products of similar structure or composition.

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13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance With local authority regulations incinerate in a licensed facility Do not incinerate dosed containers Do not discharge into drall1s1surface waters/groundwater.

Contaminated packaging:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport information

Reference Bill of Lading

15. Regulatory information

Federal Regulations

Registration status:

TSCA,US released / listed

State regulations

State RTK

| <u>CAS Number</u> | <u>Chemical name</u> | <u>State RTK</u> |
|-------------------|---|------------------|
| 9003-04-7 | 2-Propenoic acid, homopolymer sodium salt | NJ, PA, MA |
| 7732-18-5 | Water | NJ, PA, MA |

16. Other information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard: a rating of four indicates high hazard.
