

**ACID LOCK**

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**SAFETY DATA SHEET**

**SECTION 1. IDENTIFICATION**

Product identifier used on the label

: **ACID LOCK**

Other means of identification : 12001

Recommended use of the chemical and restrictions on use

: Spill control  
Recommended restrictions: None Known.

Chemical family : Mixture.

Name, address, and telephone number  
of the supplier:

**Safetec of America, Inc.**

887 Kensington Avenue  
Buffalo, NY, USA  
14215

Supplier's Telephone # : (716) 895 1822

24 Hr. Emergency Tel # : 1-800-255-3924

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

**SECTION 2. HAZARDS IDENTIFICATION**

**Classification of the chemical**

Off-white granular powder. Odorless

This material is not classified as hazardous under U.S. OSHA regulations (29 CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

**Label elements**

*Hazard pictogram(s)*

None required under U.S. OSHA Hazcom and Canadian WHMIS regulations.

*Signal Word*

None required.

*Hazard statement(s)*

None required under U.S. OSHA HazCom and Canadian WHMIS regulations.

*Precautionary statement(s)*

None required under U.S. OSHA HazCom and Canadian WHMIS regulations.

**Other hazards**

Other hazards which do not result in classification: Dust may irritate eyes and the respiratory system.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Superabsorbent Polymer	N/Av	9033-79-8	45.0 - 70.0
Inorganic alkali salt	Sodium Citrate.	6132-04-3	45.0 - 70.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

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**SAFETY DATA SHEET****SECTION 4. FIRST-AID MEASURES****Description of first aid measures**

- Ingestion* : If swallowed, DO NOT induce vomiting. If symptoms develop, seek medical attention.
- Inhalation* : If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
- Skin contact* : Wash off with warm water and soap. Get medical attention if symptoms occur.
- Eye contact* : Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

**Most important symptoms and effects, both acute and delayed**

- : Dust may irritate eyes and the respiratory system.

**Indication of any immediate medical attention and special treatment needed**

- : Treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES****Extinguishing media***Suitable extinguishing media*

- : Water. Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

*Unsuitable extinguishing media*

- : Do not use water jet as extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture / Conditions of flammability**

- : Burning may produce irritating, toxic and obnoxious fumes.

**Flammability classification (OSHA 29 CFR 1910.106)**

- : Not flammable.

**Hazardous combustion products**

- : Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

**Special protective equipment and precautions for firefighters***Protective equipment for fire-fighters*

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

*Special fire-fighting procedures*

- : Evacuate area and fight fire from a safe distance. Use water spray to keep containers cool.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

- : Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

**Environmental precautions** : Avoid discharge into drains, water courses or onto the ground.**Methods and material for containment and cleaning up**

- : Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. Dispose in accordance with all applicable federal, provincial, state and local regulations.

**Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).

**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling**

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- : Avoid breathing dust and fume. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Avoid dust formation. Use only with adequate ventilation. Wash hands thoroughly after handling.
- Conditions for safe storage** : Keep container tightly closed. Keep cool. Store away from incompatible materials.
- Incompatible materials** : Strong reducing agents

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Limits:</b>				
<b>Chemical Name</b>	<b>ACGIH TLV</b>		<b>OSHA PEL</b>	
	<b>TWA</b>	<b>STEL</b>	<b>PEL</b>	<b>STEL</b>
Superabsorbent Polymer	N/Av	N/Av	N/Av	N/Av
Inorganic alkali salt	N/Av	N/Av	N/Av	N/Av

**Exposure controls**

**Ventilation and engineering measures**

- : Ensure adequate ventilation, especially in confined areas.

**Respiratory protection** : Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**Skin protection** : Chemical resistant gloves recommended. Advice should be sought from glove suppliers.

**Eye / face protection** : Wear safety goggles or glasses as appropriate for the job.

**Other protective equipment** : Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.

**General hygiene considerations**

- : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State** : Solid
- Colour** : off-white
- Odour** : Odorless.
- Odour threshold** : Not available.
- pH** : Not available.
- Melting Point/Freezing point** : Not available.

**Initial boiling point and boiling range**

- : Not available.

**Flash point** : Not available.

**Flashpoint (Method)** : Not available.

**Evaporation rate (BuAe = 1)** : Not available.

**Flammability** : Not applicable.

**Lower explosion or flammability limit (% by vol.)**

- : Not available.

**Upper explosion or flammability limit (% by vol.)**

- : Not available.

**Oxidizing properties** : Not available.

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**Explosive properties** : Not available.  
**Vapour pressure** : Not available.  
**Relative vapour density** : Not available.  
**Relative density / Specific gravity**  
: Not available.  
**Solubility in water** : Slightly soluble.  
**Other solubility(ies)** : Not available.  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**  
: Not available.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Viscosity** : Not available.  
**Particle characteristics** :  
**Volatiles (% by weight)** : Not available.  
**Volatile organic Compounds (VOC's)**  
: Not available.  
**Absolute pressure of container**  
: Not available.  
**Flame projection length** : Not available.  
**Other physical/chemical comments**  
: Not applicable

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity** : This product is not reactive.  
**Chemical stability** : Stable under normal conditions.  
**Possibility of hazardous reactions**  
: Hazardous polymerization does not occur.  
**Conditions to avoid** : High humidity. High temperatures.  
**Incompatible materials** : Strong reducing agents  
**Hazardous decomposition products**  
: Carbon oxides. Nitrogen oxides (NOx).

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:**

**Routes of entry inhalation** : YES  
**Routes of entry skin & eye** : YES  
**Routes of entry Ingestion** : NO  
**Routes of exposure skin absorption**  
: NO

**Potential Health Effects:****Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

: Inhalation of dusts may cause respiratory irritation.

*Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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*Sign and symptoms skin* : Direct skin contact may cause temporary redness.  
*Sign and symptoms eyes* : Direct eye contact may cause slight or mild, transient irritation.

**Potential Chronic Health Effects**

: Not applicable

**Mutagenicity**

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive effects & Teratogenicity**

: This product is not expected to cause reproductive effects.

**Sensitization to material**

: Not expected to be a skin or respiratory sensitizer.

**Specific target organ effects**

: This material is not classified as hazardous under U.S. OSHA regulations (29 CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

**Medical conditions aggravated by overexposure**

: Not applicable

**Synergistic materials**

: Not available.

**Toxicological data**

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Superabsorbent Polymer	N/Av	N/Av	N/Av
Inorganic alkali salt	N/Av	5400mg/kg	>2000mg/kg

**Other important toxicological hazards**

: Not applicable

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Ecotoxicity data:**

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Superabsorbent Polymer	9033-79-8	N/Av	N/Av	N/Av
Inorganic alkali salt	6132-04-3	590 mg/L (Leuciscus idus)	N/Av	N/Av

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Superabsorbent Polymer	9033-79-8	N/Av	N/Av	N/Av
Inorganic alkali salt	6132-04-3	N/Av	N/Av	N/Av

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<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Superabsorbent Polymer	9033-79-8	N/Av	N/Av	N/Av
Inorganic alkali salt	6132-04-3	N/Av	N/Av	N/Av

**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: Not available. See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Superabsorbent Polymer (CAS 9033-79-8)	N/Av	N/Av
Inorganic alkali salt (CAS 6132-04-3)	0.5	3.2

**Mobility in soil**

: Not available.

**Other Adverse Environmental effects**

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal**

: Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Methods of Disposal**

: Dispose in accordance with all applicable regulations.

**RCRA**

: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.





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### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated. None Known.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				
ICAO/IATA	None.	Not regulated. None Known.	not regulated	none	
<b>ICAO/IATA Additional information</b>	None.				
IMDG	None.	Not regulated. None know.	not regulated	none	
<b>IMDG Additional information</b>	None.				
TDG	None.	Not regulated.	not regulated	none	
<b>TDG Additional information</b>	None.				

**Special precautions for user** : None reported by the manufacturer.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Superabsorbent Polymer	9033-79-8	Yes	N/Ap	N/Av	No	N/Ap
Inorganic alkali salt	6132-04-3	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312 SDS Requirements, 40 CFR 370 Hazard Classes: Not a hazard under normal conditions of use.

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### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Superabsorbent Polymer	9033-79-8	No	N/Ap	No	No	No	No	No	No
Inorganic alkali salt	6132-04-3	No	N/Ap	No	No	No	No	No	No

### Canadian Information:

All ingredients are present on the DSL.

### International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Superabsorbent Polymer	9033-79-8	No data available.	Present	Present	(6)-901	No data available.	Present	No data available.
Inorganic alkali salt	6132-04-3	No data available.	Present	Present	No data available.	No data available.	Present	No data available.

## SECTION 16. OTHER INFORMATION

**Legend** :

- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- CEPA: Canadian Environmental Protection Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- IMDG: International Maritime Dangerous Goods
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Ap: Not Applicable
- N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OEL: National occupational exposure limits
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- SARA: Superfund Amendments and Reauthorization Act

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## **SAFETY DATA SHEET**

STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TWA: Time Weighted Average

### **Preparation Date**

: 01/19/2015

### **Reviewed Date SDS**

: 03/02/2026

### **Revision No.**

: 2

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