

Safety Data Sheet

Section 1: IDENTIFICATION

Product Identifier

Product Name: Sani Glut™ 3% Glutaraldehyde Activator

Product Code: JGLUT

Product Description: Activator for 3% Glutaraldehyde

Manufactured for: Crosstex International, Inc.
6789 W. Henrietta Road
Rush, NY 14543

Telephone (General): 585.359.0131 / 631.582.6777

Emergency Phone Number:

24-Hour number: 1-800-535-5053

International: 1-352-323-3500

Section 2: HAZARDS IDENTIFICATION

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Hazard Classification	Category
Germ cell mutagenicity	2

Label Elements

Hazard Symbols:



Signal Words: Warning

Hazard Statement: Suspected of causing genetic defects.

Precautionary statement: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/containers in accordance with local/regional/national/international regulations.

Other Hazards: None.

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Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Hazardous Components				
Chemical Name	CAS #	%(Weight)	LD50/LC50	Classification according to Regulation
Methanesulfonic acid, hydroxy-, monosodium salt, dihydrate	6035-47-8	30 - 60	NA	NA
Disodium carbonate	497-19-8	0.50 - 1.5	NA	NA

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Mixtures: Not Applicable.

Section 4: FIRST AID MEASURES

Description of First Aid Measures

- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Skin:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.
- Eye:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

- Inhalation:** May cause respiratory tract irritation.
- Skin:** May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed

Note to Physician: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammability Not Available

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Extinguishing Media

Suitable Extinguishing Media: Treat for surrounding material.

Unsuitable Extinguishing Media: None known.

Special Hazards arising from substance or mixture:

Unusual Fire and Explosion Hazards: None Known

Conditions of Ignition: Not Available

Hazardous Combustion Products: oxides of carbon.

Advice for Firefighters: Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protection recommend in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Emergency Procedures: Not Available

Environmental precautions: See Section 12 for ecological information.

Methods and material for containment and clean up

Containment/Clean-up Measures: Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Vacuum or sweep material and place in a disposal container.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Handling: Avoid contact with skin and eyes. Avoid breathing dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities

Storage: Keep container out of the reach of children.
Keep container tightly closed.

Incompatible Materials or Ignition Sources: None known.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits/Guidelines			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methanesulfonic acid, hydroxy-, monosodium salt, dihydrate (6035-47-8)	Not available	Not available	Not available
Disodium carbonate (497-19-8)	Not available	Not available	Not available

Exposure controls

Engineering Measures/Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Ventilation: Not Available

Personal Protective Equipment

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face: Safety glasses or goggles are recommended when using product.

Hands: Not Available

Skin/Body: Wear suitable protective clothing.

General Industrial Hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls: Not Available

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance Description	Yellow Powder
Color	Yellow	Taste	Not Available
Odor	Mild	Odor Threshold	Not determined
Particulate Size	Not Available	Particulate Type	Not Available
Aerosol Type	Not Available	Physical and Chemical Properties	Not Available
General Properties			
Initial Boiling Point	Not determined	Boiling Range	Not determined
Melting Point	Not determined	Freezing Point	Not determined
Decomposition Temperature	Not Available	Heat of Decomposition	Not Available
pH	9.0 (5% solution)	Specific Gravity/Relative Density	Not determined

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Density	Not Available	Bulk Density	Not Available
Water Solubility	Not determined	Solvent Solubility	Not determined
Viscosity	Not determined	Explosive Properties	Not Available
Oxidizing Properties:	Not Available		
Volatility			
Vapor Pressure	Not determined	Vapor Density	Not determined
Evaporation Rate	Not determined	VOC (Wt.)	Not Available
VOC (Vol.)	Not Available	Volatiles (Wt.)	Not Available
Volatiles (Vol.)	Not Available		
Flammability			
Flash Point	Not determined	UEL	Not determined
LEL	Not determined	Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined	Heat of Combustion (ΔH_c)	Not Available
Burning Time	Not Available	Flame Duration	Not Available
Flame Height	Not Available	Flame Extension	Not Available
Ignition Distance	Not Available	Flammability (solid, gas)	Not Available
Environmental			
Half-Life	Not Available	Octanol/Water Partition coefficient	Not determined
Coefficient of water/oil distribution	Not Available	Bioaccumulation Factor	Not Available
Bioconcentration Factor	Not Available	Biochemical Oxygen Demand BOD/BOD5	Not Available
Chemical Oxygen Demand	Not Available	Persistence	Not Available
Degradation	Not Available		

Section 10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal use.
Conditions to avoid:	Heat. Incompatible materials.
Incompatible materials:	None known.
Hazardous decomposition products:	May include and are not limited to: oxides of carbon.

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Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

See section 4 of this SDS.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methanesulfonic acid, hydroxy-, monosodium salt, dihydrate (6035-47-8)	4000 mg/kg (mouse)	Not available	Not available
Disodium carbonate (497-19-8)	4090 mg/kg (rat)	2210 mg/kg (mouse)	2300 mg/m ³ /2h (rat)

Product LD50 Not Available

Target Organs

Route(s) of entry/exposure: Inhalation, skin contact, eye contact, ingestion

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: NTP: No IARC: No OSHA: No

Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	Not available
ATE (inhalation)	Not available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not established
Persistence and degradability: Not established
Bioaccumulative potential: Not established
Mobility in Soil: Not established
Other adverse effects: No additional information available.
Other Information: Not Available

Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product waste: Dispose of contents in accordance with applicable local, regional, national, and/or international regulations.

Packaging waste: Dispose of container in accordance with applicable local, regional, national, and/or international regulations.



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Section 14: TRANSPORT INFORMATION

Note: Classification changes based on quantity, packaging, and method of shipment.
See current shipping paper for most up to date shipping information.

DOT (Ground): Not regulated

IATA (Air): Not regulated

IMDG (Vessel): Not regulated

Special precautions for user: Not Available

Transport in bulk: Not Available

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classifications

Inventory			
Component	CAS #	TSCA	WHMIS Category
None			

Section 16: OTHER INFORMATION

Disclaimer/Statement of Liability:

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 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 designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.