

## Matrix Gland Slam SC

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Matrix Gland Slam SC  
**SDS Number:** X619999SDS  
**Product Code:** MX-GSSC-01  
**Version:** 07/01/2019  
  
**Vendor Details:** Jon-Don, LLC  
 400 Medinah Road  
 Roselle, IL 60172  
  
**Phone:** 800-556-6366  
**Web:** www.jondon.com  
**Emergency:** INFOTRAC 1-800-535-5053 (North America) 1-352-323-3500 (International)

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2  
 Health, Serious Eye Damage/Eye Irritation, 2 A

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



##### GHS Hazard Statements:

Causes skin irritation  
 Causes serious eye irritation

##### GHS Precautionary Statements:

Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Wear protective gloves/ eye protection/ face protection.  
 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/ attention.  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
 Store in a well-ventilated place. Keep cool.  
 Dispose of contents/ container to an approved waste disposal plant.

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
*****	10-25%	Proprietary
112-34-5	5-10%	Diethylene glycol monobutyl ether
7320-34-5	1-5%	Diphosphoric acid, tetrapotassium salt
111-76-2	1-3%	2-Butoxy-1-ethanol

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\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Promptly flush skin with water until all chemical is removed. If irritation persists get medical attention.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists

**Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek immediate medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** No Data Available

**Flash Point Method:** N/A

Use dry sand, dry powder, alcohol resistant foam to extinguish.

### 6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Use personal protective equipment. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

**Storage Requirements:** Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Keep in a cool ventilated area

**Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves

Personal protective equipment

Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 480 min  
Material tested: Camatril (KCL 730 / Aldrich Z677442, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.2 mm Break through time: 30 min  
Material tested: Dermatril P (KCL 743 / Aldrich Z677388, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Diethylene glycol monobutyl ether cas#:(112-34-5) [5-10%]

Diphosphoric acid, tetrapotassium salt cas#:(7320-34-5) [1-5%]

2-Butoxy-1-ethanol cas#:(111-76-2) [1-3%]

Components with workplace control parameters

TWA 20 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation  
Confirmed animal carcinogen with unknown relevance to humans

TWA 5 ppm USA. NIOSH Recommended Exposure Limits  
24 mg/m3

Potential for dermal absorption

TWA 50 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
240 mg/m3

Skin designation  
The value in mg/m3 is approximate.

TWA 25 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000  
120 mg/m3

Skin notation

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Opaque Tan Liquid	<b>Odor:</b>	Mint
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Completely Soluble
<b>Odor Threshold:</b>	No data available	<b>Freezing/Melting Pt.:</b>	No data available
<b>Spec Grav./Density:</b>	1.092 +/- .005	<b>Flash Point:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Auto-Ignition Temp:</b>	No data available
<b>Partition Coefficient:</b>	No data available	<b>UFL/LFL:</b>	No data available
<b>Vapor Pressure:</b>	No data available		
<b>pH:</b>	9.0 +/- .5		
<b>Evap. Rate:</b>	No data available		
<b>Decomp Temp:</b>	No data available		

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**STABILITY AND REACTIVITY**

<b>Reactivity:</b>	None under normal processing
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid heat and direct sunlight
<b>Materials to Avoid:</b>	Strong Acids;
<b>Hazardous Decomposition:</b>	Not known.
<b>Hazardous Polymerization:</b>	Will not occur.

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**TOXICOLOGICAL INFORMATION**

Diethylene glycol monobutyl ether cas#:(112-34-5) [5-10%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - male - 7,291 mg/kg (OECD Test Guideline 401)

Inhalation: no data available

LD50 Dermal - rabbit - male - 2,764 mg/kg (OECD Test Guideline 402)

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 1 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Irritating to eyes. (OECD Test Guideline 405)

Respiratory or skin sensitisation: Maximisation Test - guinea pig Result: Does not cause skin sensitisation. (OECD Test Guideline 406)

Germ cell mutagenicity: Ames test S. typhimurium Result: negative

OECD Test Guideline 477 Drosophila melanogaster - male and female

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - rat - male and female - Dermal:

No adverse effect has been observed in chronic toxicity tests.  
no data available

Developmental Toxicity - rabbit - Dermal:

No adverse effect has been observed in chronic toxicity tests.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

Repeated dose toxicity - rat - male and female - Oral - No observed adverse effect level - 250 mg/kg RTECS: KJ9100000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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Stomach - Irregularities - Based on Human Evidence

Diphosphoric acid, tetrapotassium salt cas#:(7320-34-5) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 Inhalation LC50 Dermal LD50 LD50 Dermal - rabbit - > 4,640 mg/kg Remarks: Prolonged skin contact may cause skin irritation and/or dermatitis.

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: JL6735000

2-Butoxy-1-ethanol cas#:(111-76-2) [1-3%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 470 mg/kg

LC50 Inhalation - rat - 4 h - 450 ppm Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

LD50 Dermal - rabbit - 220 mg/kg

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LD50 Intraperitoneal - rat - 220 mg/kg  
LD50 Intravenous - rat - 307 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Open irritation test

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KJ8575000

Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, narcosis  
Stomach - Irregularities - Based on Human Evidence

**12****ECOLOGICAL INFORMATION**

Diethylene glycol monobutyl ether cas#:(112-34-5) [5-10%]

Information on ecological effects

Toxicity:

Toxicity to fish static test LC50 - *Lepomis macrochirus* - 1,300 mg/l - 96 h.  
(OECD Test Guideline 203)

Toxicity to daphnia and static test EC50 - *Daphnia magna* (Water flea) - > 100 mg/l - 48 h.  
other aquatic (Directive 67/548/EEC, Annex V, C.2.) invertebrates

Toxicity to algae static test EC50 - *Desmodesmus subspicatus* (*Scenedesmus subspicatus*) - >:  
100 mg/l - 96 h (OECD Test Guideline 201)

Toxicity to bacteria LC50 - *Pseudomonas putida* - 1,170 mg/l - 16 h.

Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 91.7 % - Readily biodegradable. (OECD Test Guideline 301B)

Bioaccumulative potential: Does not bioaccumulate.

Mobility in soil: no data available

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Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Diphosphoric acid, tetrapotassium salt cas#:(7320-34-5) [1-5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

2-Butoxy-1-ethanol cas#:(111-76-2) [1-3%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h.  
other aquatic invertebrates

Persistence and degradability: no data available

Ratio BOD/ThBOD 88 %

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

**13****DISPOSAL CONSIDERATIONS**

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

**14****TRANSPORT INFORMATION**

## Matrix Gland Slam SC

Cleaning Compound Liquid, Not Regulated

### 15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[10-25%] Proprietary (\*\*\*\*\*) TSCA

[5-10%] Diethylene glycol monobutyl ether (112-34-5) HAP, TSCA

[1-5%] Diphosphoric acid, tetrapotassium salt (7320-34-5) TSCA

[1-3%] 2-Butoxy-1-ethanol (111-76-2) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

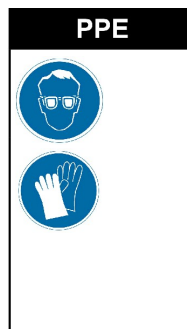
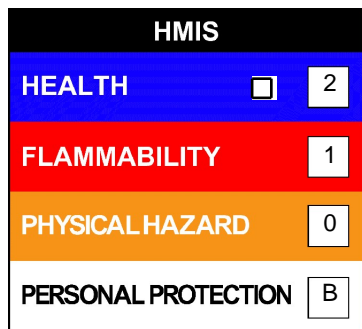
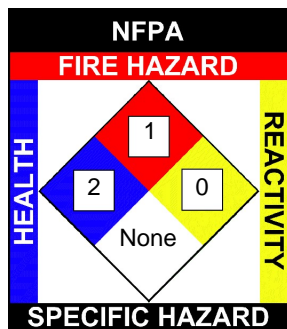
TXAIR = TX Air Contaminants with Health Effects Screening Level

### 16 OTHER INFORMATION

**NFPA:** Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = None

**HMIS III:** Health = 2, Fire = 1, Physical Hazard = 0

**HMIS PPE:** B - Safety Glasses, Gloves



The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide 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 other process, unless specified in the text.

Revision Date: [N/A]