

## MATERIAL SAFETY DATA SHEET

**1. Identification:**      **Not classified as hazardous according to criteria of  
Worksafe Australia**

**Name of Product**      **SURGISTAIN**

**Supplied by**      Chemzyme Aust. Pty Ltd      **Imported by**      Chemzyme Aust. Pty Ltd  
A.C.N. 084 415 449  
P.O. Box 2385  
Noosa Heads  
Qld 4567

**Manufactured by**      **RUHOF CORPORATION**  
393 Sagamore Avenue  
Mineola, NY 11501 USA

**Emergency Phone Number**      (07) 5448 0460      **Fax**      (07) 5448 0787

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**2. Information on Hazardous Ingredients:**

<b>Hazardous Ingredients</b>	<b>CAS #</b>	<b>OSHA(USA) PEL</b>	<b>% (Optional)</b>
Phosphoric Acid	7664-38-2	1mg/M3	
2 PROPANOL, 1 – (2METHOXY-2-METHYLTHOXY)	34590-94-8	100PPM	

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**3. Hazard Identification:**

**Routes of Entry: Inhalation?**      YES      **Skin/ Eye?**      YES      **Ingestion?**      YES

**Hazards**      EYES: CONTACT CAN CAUSE SEVERE IRRITATION  
SKIN: REDDENING AND IRRITATION  
INHALATION: IRRITATION OF MUCOUS MEMBRANES  
INGESTION: IRRITATION OF MUCOUS MEMBRANES

**Signs/ Symptoms of Exposure**

EYES: REDDENING AND BURNING  
SKIN: REDDENING AND BURNING  
INHALATION: IRRITATION OF LUNGS, MOUTH, THROAT  
INGESTION: BURNING OF MOUTH AND MUCOUS MEMBRANES

**Medical Conditions Generally Aggravated by Exposure:**

NONE KNOWN

**Category of Danger?**      None ( ) or:      IRRITANT      **with Symbol-letter:**      Xi

**NFPA 704(USA):**      **Health = 2**      **Flammability = 0**      **Reactivity = 0**      **Special = NONE**  
(0 = Minimal      1 = Slight      2 = Moderate      3 = Serious      4 = Severe)

**SARA Hazards:**      **Fire?**      NO      **Pressure?**      NO      **Reactivity?**      NO      **Acute?**      YES      **Chronic?**      NO

#### 4. First-Aid Measures:

EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES AND SEE DOCTOR  
SKIN CONTACT: FLUSH WITH WATER: NEUTRALISE WITH SOAP OR BICARBONATE OF SODA. REMOVE CONTAMINATED CLOTHING  
INHALATION: REMOVE TO FRESH AIR; SEE DOCTOR  
INGESTION: RINSE MOUTH WITH WATER, DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING  
**GET MEDICAL ATTENTION**

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#### 5. Fire-Fighting Measures:

<b>Flash Point:</b>	NONE		
<b>Flamm. Limits in Air (%)</b>			
<b>Upper:</b>	N/A	<b>Lower:</b>	N/A
<b>Extinguishing Media:</b>	WATER, FOAM, FOG, DRY CHEMICAL FIGHT SURROUNDING FIRE. TREAT AS CHEMICAL FIRE. WEAR PROTECTIVE EQUIPMENT.		
<b>Special Fire-Fighting Procedures:</b>			
<b>Fire/ Explosion Hazards:</b>	HYDROGEN GAS CAN BE GENERATED BY CONTACT WITH SOFT METALS		

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#### 6. Accidental Release Measures:

**In Case Material is Released or Spilled:**  
NEUTRALIZE WITH BICARBONATE, SOAP, SODA ASH. MOP UP AND DISPOSE OF IN SANITARY SEWER IN ACCORDANCE WITH REGULATIONS.

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#### 7. Handling and Storage:

##### Ventilation

<b>Local Exhaust Needed</b>	NO
<b>Special Ventilation</b>	NO
<b>Mechanical (General)</b>	YES
<b>Other</b>	NO

<b>Special Handling/ Storage Precautions</b>	STORE IN COOL, DRY AREA. USE PRECAUTIONS FOR HANDLING ACIDS.
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#### 8. Exposure Controls/ Personal Protection:

<b>Eye Protection</b>	GOGGLES WHEN SPLASH IS POSSIBLE; FACE SHIELD FOR SPRAYING.
<b>Hand Protection/ Gloves</b>	PLASTIC OR RUBBER
<b>Special Clothing/ Equipment</b>	PLASTIC APRON OR SUIT IF SPLASHING POSSIBLE.
<b>Other Work/ Hygiene Precautions</b>	WASH CONTAMINATED CLOTHING BEFORE REUSE. SAFETY EYEWASH FOR EYE CONTACT.

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#### 9. Physical and Chemical Properties:

<b>Appearance</b>	CLEAR COLOURLESS LIQUID
<b>Odor</b>	PLEASANT ODOR
<b>pH</b>	1.5
<b>Boiling Point</b>	225 F
<b>Melting Point</b>	N/A
<b>Evaporation Rate</b>	1
<b>Evaporation Standard</b>	WATER
<b>Specific Gravity (Water = 1)</b>	1.15
<b>Vapor Pressure (mm Hg)</b>	AS WATER
<b>Relative Vapor Density (Air = 1)</b>	N/A
<b>Solubility in Water</b>	COMPLETE

#### 10. Stability and Reactivity:

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	FREEZING TEMPERATURES
<b>Material to Avoid</b>	ALKALIS AND SOFT METALS
<b>Hazardous Decomposition/Byproducts</b>	HYDROGEN, CARBON MONOXIDE , CARBON DIOXIDE; OXIDES OF PHOSPHORUS
<b>Hazardous polymerization</b>	WILL NOT OCCUR

#### 11. Toxicological Information: (Also See Section 3)

<b>Carcinogenicity</b>	NO
<b>NTP</b>	NO
<b>IARC</b>	NO
<b>OSHA Regulated</b>	NO
<b>Mutagenicity</b>	NO
<b>Reproductive Toxin</b>	NO
<b>Possible Sensitizer</b>	NO

#### 12. Ecological Information: NOT DETERMINED

#### 13. Disposal Considerations:

**Disposal Method** LANDFILL OF NEUTRALIZED MATERIAL, OR SANITARY SEWER. HAVING BEEN NEUTRALIZED BY USE, USED PRODUCT CAN BE DISPOSED OF TO SEWER. CONSULT LOCAL REGULATION ON PHOSPHATE DISPOSAL.  
**Follow all national or regional regulations for disposal.**

#### 14. Transport Information:

<b>Product Regulated for Transport? If regulated</b>	NO
<b>Proper Shipping Name:</b>	N/A
<b>Hazard Class Number, Name:</b>	N/A
<b>UN Number, Packing Group:</b>	N/A

## 15. Regulatory Information:

**Special Health and Safety Information:** NONE

**Classification:** NONE

**Risk, and Safety Information for Label:** IRRITANT, Xi, CONTAINS PHOSPHORIC ACID. IRRITATING TO EYES AND SKIN. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

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## 16. Other Information:

The information provided in this COSHH Sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties, either expressed or implied, and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. The manufacturer knows of no medical conditions other than those noted on this COSHH, which are generally recognized as being aggravated by exposure to this product.