

**MATERIAL SAFETY DATA SHEET**  
(Similar to OSHA FORM 174)

N.A. = Not Applicable  
Not Est. = Not Established  
Prop. = Proprietary

**Section 1 - Manufacturer / Distributor Information**

<b>Product Name</b>	BIO-KLEEN PLUS™ Protein Spot and Stain Remover			<b>Product #</b>	0680
<b>Supplier's Name</b>	National Chemical Laboratories of PA, Inc.				
<b>Supplier's Address</b>	401 N. 10th Street - Philadelphia, PA 19123				
<b>HMIS Hazard Code</b>	<b>Health</b>	1	<b>Flammability</b>	0	<b>Phys Hazard</b> 0
<b>Chemical Family</b>	Enzyme				<b>Emergency Phone No</b> 1 (800) 255-3924
<b>DOT Shipping Name</b>	Not Regulated				<b>Chemical Name</b> N.A. Proprietary Blend
				<b>Formula</b>	N.A. Blended Product
				<b>Hazard Class</b>	N/A
				<b>PKG Group</b>	
				<b>DOT ID #</b>	N/A

**Section 2 - Hazardous Ingredients**

CHEMICAL NAME	CAS NUMBER	% Concentration Range	ACGIH	Exposure Limit TLV/PEL
1-Methoxy-2-Propanol	107-98-2	PROP.		100 ppm

**Section 3 - Physical Data**

<b>Boiling Point (F)</b>	212	<b>Specific Gravity</b>	1.01 ± 0.02
<b>Vapor Pressure</b>	= To Water	<b>Evaporation Rate</b>	= To Water
<b>Vapor Density</b>	= To Water	<b>pH</b>	
<b>Solubility in Wate</b>	Complete	<b>pH(1)</b>	
<b>Appearance</b>	Milky Liquid	<b>pH(2)</b>	
<b>Odor</b>	Giane™ Fresh	<b>VOC Content</b>	

**Section 4 - Fire and Explosion Data**

			Flammable Limits	Not Est.	LEL	UEL
Fire Fighting Equipment						
Extinguishing Media						
Unusual Fire	Explosion Hazards	None known				
Hazardous Combustion Products						

**Section 5 - Health Hazard Data**

<b>Routes of Entry</b>	<b>Inhalation</b> <input type="checkbox"/>	<b>Skin</b> <input checked="" type="checkbox"/>	<b>Ingestion</b> <input type="checkbox"/>
<b>Effects of Over exposure</b>	General: Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests. Ingestion: No effect if ingested in small amounts. Relative to other materials a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion. Eye Contact: This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly-used antibiotics. Skin Contact: Slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Skin Absorption: Systemically toxic concentrations will probably not be absorbed through the skin in man. Inhalation: None known. Other effects of overexposure: None known.		
<b>Emergency and First Aid Procedures</b>	First Aid Procedures - Skin: Remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse. Eyes: Immediately flush with plenty of water for at least 15 minutes and have eyes examined and treated by medical personnel. Ingestion: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center. Inhalation: If inhation causes irritation, move to fresh air.		
<b>Conditions Aggravated by Exposure</b>	<b>Threshold Limit Value</b> Not Est.		
<b>Listed</b>	None		
<b>Statement regarding Green Seal, Inc. Certification</b>			

**Section 6 - Reactivity Data**

<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	
<b>Incompatibility</b>	Strong acids and Alkali compounds may inactivate biological cultures.
<b>Flash Point (F)</b>	None to boiling (TOC)
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Carbon oxides

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## Section 7 - Spill and Leak Procedures

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**Spill Steps**            Where possible, flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

**Waste Disposal Method**    Disposal of this product or its residues must be in accordance with all local, state, and federal regulations.

## Section 8 - Special Protection Information

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**Respiratory Protection**        Not required if used with adequate ventilation.

**Ventilation**                    Normal room ventilation.

**Protective Gloves**        Not required for casual contact. For prolonged contact water impervious such as latex, nitrile or neoprene are recommended.

**Eye Protection**            Safety glasses with side shields

**Other Protective Equipment**    As determined by or recommended by federal, state or local regulations.

**Work /Hygienic Practices**

## Section 9 - Special Precautions

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**Precautions Handling Storage**    Prevent skin and eye contact. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and footwear. Wash contaminated clothing and footwear before reuse. Keep from freezing. Do not store in sunlight. Keep container closed when not in use.

**Other Precautions**            Keep out of reach of children. For Commercial and Industrial Use Only.

### CA Proposition 65 Statement

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**Date Prepared**                    5/15/2013            **Prepared By**        J.B.