

# FORMALEX GREEN

Issue Date	06 JUN 2013	Revision Date	16 OCT 2024
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SECTION 1: Identification of the substance and the company / undertaking	
1.1 Product identifier used on the label	Formalex Green
1.2 Chemical / Generic Name	N/A
1.3 Recommended use of the chemical and restrictions on use	Formalin and Aldehyde Neutralizer
1.4 – Manufacturer / Supplier information	<p>Supplier: American Biosafety</p> <p>Address: 4322 Anthony court # 5</p> <p>Corporate Phone: 1.916-652-8021</p> <p>Corporate Fax: FAX - +1.916-652-8020</p> <p>Website: <a href="http://www.americanbiosafety.com">www.americanbiosafety.com</a></p> <p>Email: <a href="mailto:absafety@sbcglobal.com">absafety@sbcglobal.com</a></p> <p>Plant Telephone: 1.916-652-8021</p>
1.5 Emergency Telephone number	<p>CHEMTREC - 1-800-424-9300 - USA</p> <p>World Wide - 1.703.741.5500</p> <p>(Contract # CRM:01103519 - 24 hours / 7 days a week):</p>

## SECTION 2: Hazard Identification

2.1 GHS US Classification	Skin Irritation / Eye Irritation		
2.2 Pictograms			
2.3 Signal Word	WARNING		
2.4 Hazard Statements	<p>H313: May be harmful in contact with skin  H320: Causes Eye Irritation  H303: May be harmful if swallowed  Keep only in original container. Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Absorb spillage to prevent material damage. If exposed or concerned: Get medical advice/attention. If swallowed: rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store in a corrosion resistant container with a resistant inner liner. Dispose of contents/container in accordance with all local, state, provincial, and federal regulations.</p>		
2.5 Precautionary Statements	<p>Prevention:  P264 Wash hands thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P272 Contaminated work clothing should not be allowed out of the workplace.  P281 Use personal protective equipment as required.  Response:  Disposal:  P501 Dispose of contents/container in accordance with local regional/national/international regulations</p>		
2.3 Other Hazards	This product is used as a formaldehyde neutralizer. User should wear proper PPE and understand the hazards of the task undertaken and follow the proper protocols and safety procedures.		
NFPA / HMIS Rating	H-1	F-0	R-0
HMIS Personal Protection	As required depending on use conditions		

## SECTION 3: Composition / Information on Ingredients

3.1 Substances	N/A
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Information on hazardous ingredients above regulatory thresholds								
<b>CAS Number</b>	<b>Component</b>	<b>% by Wt.</b>						
N/A	No components at or above the reporting limits per US OSHA							
***	Information on proprietary items will be provided to medical and spill response personnel in valid situations.							
Component Information / Information on Non-Hazardous Components		Other components of this mixture do not contain any hazardous ingredients above the reportable limits as determined under US OSHA Standards						
<b>SECTION 4: First Aid Measures</b>								
<b>4.1 First Aid instructions by routes of exposure. (see Section 8 for PPE requirements)</b>								
General Advice	Move person to fresh air, loosen tight clothing.							
After inhalation	If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist seek medical attention.							
After Skin Contact	Remove contaminated clothing including shoes. Wash with soap and water. Seek medical assistance if symptoms develop. Wash clothing before re-use.							
After Eye Contact	Remove contact lenses if easy to do so. Flush eyes for 15 minutes with copious amounts of water. Seek immediate medical attention.							
After Ingestion	Wash face. Rinse mouth and spit. Give water to drink unless vomiting occurs. Do NOT induce vomiting. Do not attempt to give anything to an unconscious person. Seek immediate medical attention.							
<b>4.2 Most Important Symptoms and effects, both acute and delayed</b>								
After Inhalation	Irritation to respiratory tract / coughing							
After Skin Contact	May cause irritation or aggravate pre-existing conditions, effects may be delayed.							
After Eye Contact	Can cause serious eye irritation, redness, burning sensation							
After Ingestion	Irritation to mouth. May cause nausea / vomiting, effects may be delayed may be harmful if swallowed							
Delayed Inhalation	Inhalation of vapors from heated product may irritate the respiratory tract.							
<b>4.3 Indication of any Immediate Medical Attention and Special Treatment</b>								
	Treat symptomatically							
<b>SECTION 5: Fire Fighting Measures</b>								
<b>5.1 Extinguishing Media</b>								
Suitable	Use suitable method for surrounding fire							
Unsuitable	N/A							
<b>5.2 Special Hazards</b>								
<b>5.3 Advice to Firefighters</b>								
Keep up wind. Use full turn out gear and SCBA.								
Use water to cool containers								
<b>5.4 Further Information</b>								
N/A								
<b>SECTION 6: Accidental Release Measures</b>								
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>								
<b>6.1.1 For Non Emergency personnel</b>								
Secure area and deny entry to others. / Shut off all sources of ignition								
<b>6.1.2 For Emergency personnel</b>								
Use appropriate PPE for the situation as per section 8. A higher level of PPE may be required for response to spills.								
<b>6.2 Environmental Precautions</b>								
Release of this product to air / water / land may require reporting to governmental agencies in your region.								
Dispose of waste in accordance with local / state / federal regulations. Long lasting effects on the environment may occur.								
<b>6.3 Methods and Materials for Containment and Clean up</b>								
<b>6.3.1 Containment</b>								
Prevent spread of spill by diking with chemical sorbent booms or sand / oil dri								
Shut off all sources of ignition. Pump product into clean DRY properly labeled container. Product can be recovered with an explosion proof pump or Vac Truck or sorbent material, clay, pads sand. Use NON sparking tools. Do not allow product to enter streams, ponds waterways. Clean area with suitable detergent. Hazardous vapors may be released.								
<b>6.3.3 Unsuitable agents</b>								
None								
<b>6.4 References to other sections</b>								
See section 8 for specifics on PPE, and Section 10 for incompatibles								



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## SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling	Keep containers closed. Do NOT transfer to unlabeled containers. Do not allow product to freeze.  Do not get on skin or clothing, in eyes or mouth. Wear appropriate PPE when working with this product.
Prohibited equipment / procedures	N/A
7.2 Hygiene Measures	Wash equipment and clothing before re-use / discard shoes. Wash thoroughly before eating or smoking.
7.3 Storage	Keep out of reach of children. Keep containers closed when not in use. Store in a cool, dry well ventilated space.  Keep in original container. Keep from freezing .

## SECTION 8: Exposure Controls / Personal Protection

### 8.1 Control parameters

Note	Substances listed in section 3 that are NOT listed here have no published exposure test data under ECHA				
Item	CAS / EC	OSHA PEL	ACGIH TLV	STEL	
Substance	N/A	No Data	No Data	No Data	
Note	This product is a slurry and does not yield respiratory irritants in its delivered state. The data below applies to dried product only				

### 8.2 Appropriate Engineering Controls

8.3 Individual Protective Measures	PPE - take precautions to prevent all skin / eye contact
Eye / Face Protection	Safety Glasses / Chemical Goggles depending on how material is used. Full face shield may be required if product is sprayed.
Hand Protection	Nitrile gloves
Skin and Body	Suitable to prevent skin contact based on operation. Nitrile, Poly Coated Tyvek, PVC or Vinyl
Respiratory	Handling the liquid product as delivered does not normally require respiratory protection unless the product is heated or sprayed. If use generates mists that produce symptoms or exceed 50% of the listed TLV / PEL above use a full face respirator with an organic vapor, acid gas cartridge .  NOTE - This product is used for neutralization of Formaldehyde. User MUST be sure to use appropriate PPE required for the product being neutralized.
	Maintain levels below listed TLV / PEL.

### 8.4 Environmental Exposure Controls

Other	Do not eat/drink/smoke where chemicals are stored or handled. Wash thoroughly after handling
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## SECTION 9: Physical and chemical Properties

### 9.1 Information on basic physical / chemical properties

Appearance Physical State	Clear liquid
Appearance Color	May be Water White / Blue or Green
Odor	Characteristic
Odor Threshold	No Determined
pH	3.0 - 4.2 - Not regulated as corrosive by US OSHA / EPA / DOT
Melting / Freezing Point	< 8°F
Initial Boiling Point / Range	200° F
Flash Point	N/A
Evaporation Rate (butyl acetate)	< 1
Upper / Lower Flammability Range	No data
Vapor Pressure	No data
Vapor Density	>1
Relative Density / Specific Gravity	1.112
Water Solubility	Liquid on pads is Soluble
Partition Coefficient, n-octanol / water	N/A
Auto-ignition Temperature	No Determined
Decomposition Temperature	No Determined
Initial BF Viscosity (Sp#91 @ 20 rpm)	No data



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Explosive Properties	N/A
Oxidizing Properties	Not an oxidizer
<b>9.2 Other Information</b>	None Known

## SECTION 10: Stability and Reactivity

<b>10.1 Reactivity</b>	Stable under normal conditions -
<b>10.2 Chemical Stability</b>	Stable under normal conditions
<b>10.3 Possibility of Hazardous Reactions</b>	None known under normal conditions
<b>10.4 Conditions to Avoid</b>	Strong oxidizers Keep away from heat, hot surfaces, sparks, open flames and other ignition sources Keep from freezing
<b>10.5 Incompatible Materials</b>	Strong oxidizers
<b>10.6 Hazardous Decomposition Products</b>	Smoke, oxides of carbon and nitrogen and ammonia. Odorous and toxic fumes may form from decomposition of this product.

## SECTION 11: Toxicological Information

<b>11.1 Likely Routes of Exposure</b>						
<b>11.2 Signs and Symptoms of Exposure</b>						
<b>11.3 Delayed and Immediate Effects to Long and Short Term Exposure</b>						
After Inhalation	Coughing / irritation of the respiratory tract					
After Skin Contact	May cause irritation or aggravate pre-existing conditions					
After Eye Contact	Can cause serious eye damage					
After Ingestion	Irritation to mouth. May cause nausea / vomiting. May be harmful if swallowed.					
<b>11.4 Information on Toxicological Effects - Quantitative data for the mixture not available</b>						
<b>Note</b>	<b>Substances listed in section 3 that are NOT listed here have no published Toxicological test data by ECHA</b>					
<b>Acute</b>	<b>Item</b>	<b>CAS / EC</b>	<b>Oral LD 50</b>	<b>Skin LD 50</b>	<b>Inhalation LC 50</b>	<b>Target Organs</b>
	Substance	N/A				
<b>Chronic</b>	<b>Item</b>	<b>CAS</b>	<b>Carcinogen</b>	<b>Teratogen</b>	<b>Reproductivity</b>	
	Substance	N/A	NO	NO	NO	
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## SECTION 12: Ecological Information

<b>12.1 Eco Toxicity</b>						
<b>Note</b>	<b>Substances listed in section 3 that are NOT listed here have no published Ecological / Biological test data</b>					
Species	Substance					
Fish	No Data					
Water Flea, Daphnia Magna	No Data					
Algae	No Data					
<b>12.2 Persistence and Degradability</b>	Substance					
	No Data					
<b>12.3 Bioaccumulation Potential</b>	No data					
<b>12.4 Mobility in Soil</b>	Not considered mobile					
<b>12.5 Other Adverse Effects</b>	No known effects					

## SECTION 13: Disposal Considerations

<b>13.1 Waste Treatment Methods</b>	Incineration
Disposal Instructions	Dispose of in accordance with local and governmental regulation
Additional Data	Dried pads may contain hazardous residue and should be handled accordingly.

## SECTION 14: Transport Information

<b>14.1 Transportation Information</b>	US DOT	Land Transport	Inland Waterways	Air Transport	
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		(ADR/RID)	/ Sea (IMDG)	(IATA)	
UN Number	Not Regulated	Not Regulated	Not Regulated	Not Regulated	
UN Shipping Name					
Hazard Labels					
Packing Group					
Additional Info	None Known				

**14.2 Environmental Hazards**      None Known

**14.3 Transport in Bulk According to Annex II of MARPOL and the IBC Code**

**14.4 Special Precautions for User**      None Known

## SECTION 15: Regulatory Information

This SDS complies with requirements of regulation US OSHA Hazard Communication Standard (CFR29, 1910.1200) and ANSI 2400-1-2004

### 15.1 US regulatory Data

Note	Substances listed in section 3 that are NOT listed here have no published US Listing data				
Standard					
US OSHA	Not Regulated				
TSCA	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory				
SARA 302 Inventory	No ingredients above the reporting threshold				
SARA 313 Form R	No ingredients above the reporting threshold				
Section 304	No ingredients above the reporting threshold				
Sara 311/312	Acute	Chronic	Fire	Pressure	Reactive
	XX	N/A	N/A	N/A	N/A

### 15.1.1 Other Regulatory Data

CA Prop 65	Not Listed
REACH	On or in compliance with the inventory
EINECS	On or in compliance with the inventory
Canadian DSL	All components of this product are on the Canadian DSL

## SECTION 16: Other Information

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Revision #	Date	Approved By	Revision Made
0	06 JUN 2013	New	New
1	09 SEP 2015		Put on new form
2	07 NOV 2023	CAK	Combine all colors to one SDS
3	16 OCT 2024	LS / Gary Freeman	New form correct section 3,8,12,13

<b>Abbreviations &amp; Acronyms:</b>	IMDG: International Maritime Code for Dangerous Goods
	DOT: US Department of Transportation
	IATA: International Air Transport Association
	ACGIH: American Conference of Governmental Industrial Hygienists
	EINECS: European Inventory of Existing Commercial Chemical Substances
	ELINCS: European List of Notified Chemical Substances
	OEL : Occupational Exposure Limits
	resp aero : respirable aerosol
	min : minutes

**Disclaimer:** The information contained in this document is based on the present state of our knowledge at the time document was revised and should be used as a guide. To the best of our knowledge, the information contained herein is accurate at the time this SDS was last updated. Final determination of suitability of any material and whether there is any infringement of patent is the sole responsibility of the user. All chemicals may present unknown hazards. Although certain hazards are described in the publication, we cannot guarantee that these are the only hazards which exist. Users of any chemical should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely. Personnel should use this material with caution following good manufacturing or laboratory practices.

Formula Code -N/A

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