

SAFETY DATA SHEET

Jasco Green Paint Brush Cleaner

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Printed: 04/16/2015

Revision: 04/16/2015

Supersedes Revision: 03/27/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Jasco Green Paint Brush Cleaner	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact Information:	3E 24 Hour Emergency Contact W.M. Barr Customer Service	(800)451-8346 (800)398-3892
Intended Use:	Clean up of natural and synthetic paint brushes.	
Synonyms:	QJGBC430	
Additional Information	This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.	

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Toxic To Reproduction, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word:	Danger
GHS Hazard Phrases:	H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H360: May damage fertility or the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.
GHS Precaution Phrases:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P281: Use personal protective equipment as required.
GHS Response Phrases:	P302+352: IF ON SKIN: Wash with plenty of soap and water. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+313: IF exposed or concerned: Get medical attention/advice. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P314: Get medical attention/advice if you feel unwell. P321: Specific treatment see label. P332+313: If skin irritation occurs, get medical advice/attention. P337+313: If eye irritation persists, get medical advice/attention.

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GHS Storage and Disposal Phrases:	P362: Take off contaminated clothing and wash before re-use. P405: Store locked up. P501: Dispose of contents/container according to local, state and federal regulations.												
Hazard Rating System:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="background-color: #0000FF; color: white;">HEALTH</td><td style="background-color: #0000FF; color: white;">*</td><td style="background-color: #0000FF; color: white;">2</td></tr> <tr><td style="background-color: #FF0000; color: white;">FLAMMABILITY</td><td style="background-color: #FF0000; color: white;"></td><td style="background-color: #FF0000; color: white;">0</td></tr> <tr><td style="background-color: #FFA500; color: white;">PHYSICAL</td><td style="background-color: #FFA500; color: white;"></td><td style="background-color: #FFA500; color: white;">0</td></tr> <tr><td style="background-color: #FFFFFF; color: black;">PPE</td><td style="background-color: #FFFFFF; color: black;"></td><td style="background-color: #FFFFFF; color: black;">X</td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <p>Flammability 0 Instability 1</p>  <p>Health 2 Special Hazard 0</p> <p>NFPA:</p> </div>	HEALTH	*	2	FLAMMABILITY		0	PHYSICAL		0	PPE		X
HEALTH	*	2											
FLAMMABILITY		0											
PHYSICAL		0											
PPE		X											
HMIS:													
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.												
Potential Health Effects (Acute and Chronic):	This product has not been tested as a whole to determine health effects. The health effects listed below are associated with the individual ingredients listed in Section 3.												
Inhalation:	<p>PRIMARY ROUTES OF ENTRY: skin, eyes, inhalation</p> <p>May cause irritation of the upper respiratory tract with sore throat, coughing and shortness of breath. May cause burns of the mucous membranes.</p>												
Skin Contact:	May cause severe irritation, redness, pain and possibly burns. Prolonged or repeated contact may result in dermatitis.												
Eye Contact:	May cause severe eye irritation, pain, tear production, excess redness, swelling of the conjunctiva, corneal clouding and corneal burns (possibly leading to blindness). The full extent of the injury may not be immediately apparent.												
Ingestion:	May cause immediate pain and severe burns of the esophagus and gastrointestinal tract with vomiting, nausea, and diarrhea. Edema of the epiglottis and shock may occur.												

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	<10.0 %	KJ9100000
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	< 5.0 %	VV9275000
872-50-4	N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	< 5.0 %	UY5790000
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	< 5.0 %	WZ4200000

Additional Chemical Information Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Skin:
Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:
Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:
If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down.

Note to Physician: The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

5. FIRE FIGHTING MEASURES

Flash Pt: no flash to boiling
No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media: None known.

Fire Fighting Instructions: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards: Flashpoint: No flash to boiling. This material does not exhibit a flashpoint per the Setafash Closed Cup test method.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

For small spills: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

For large spills: Wear appropriate PPE and keep all unnecessary personnel out of the area. Stop spill at the source, dike ahead of the spill if possible, and contain the spill. Recover as much as possible and use absorbent material to collect the remaining liquid. Prevent runoff from entering drains, sewers, or bodies of water.

Dispose of according to all applicable local, state, and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Avoid breathing of vapors or mist. Avoid contact with eyes and skin.

A source of clean water should be available in or near the work area for flushing of the eyes and skin if contact occurs.

Precautions To Be Taken in Storing: Store in a closed container. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	No data.	No data.	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	No data.	No data.	No data.
872-50-4	N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	No data.	No data.	No data.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No data.	No data.	No data.

Respiratory Equipment (Specify Type): For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

Eye Protection: Safety glasses should be worn during normal handling of this material.

Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.

Protective Gloves: Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing: Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.): Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache,

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nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices: Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Light bright green liquid, clear to slightly hazy
Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.0276 - 1.0476
Density: 8.633
Vapor Pressure (vs. Air or mm Hg): 18 MM HG at 68.0 F
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: < 1
Solubility in Water: complete
Viscosity: 10 CPS
pH: 12.5 - 13.5
Percent Volatile: 93.2 % by weight.
VOC / Volume: 29.9000 G/L

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Oxidizers, acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys.
Hazardous Decomposition Or Byproducts: Nitrogen oxides, carbon dioxide, carbon monoxide
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 2 for acute and chronic effects.

CAS# 112-34-5:
 Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
 Result:
 Behavioral: Anticonvulsant.
 - American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 6834-92-0:
 Standard Draize Test, Skin, Species: Guinea pig, 250.0 MG, 24 H, Moderate.
 Result:
 Effects on Fertility: Other measures of fertility.
 - Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 31,481, 1975

CAS# 872-50-4:
 Reproductive Effects:, TDLo, Inhalation, Rat, 116.0 PPM, 6 H, multigenerations.
 Result:
 Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
 - Drug and Chemical Toxicology., Marcel Dekker, 270 Madison Ave., New York, NY 10016, Vol/p/yr: 18,271, 1995

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Moderate.
 Result:
 Blood:Other hemolysis with or without anemia.
 Blood:Other changes.
 Biochemical: Metabolism (Intermediary): Other proteins.
 - Food and Chemical Toxicology., Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, Vol/p/yr: 26,475, 1988

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	n.a.	n.a.	n.a.	n.a.
872-50-4	N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	n.a.	n.a.	n.a.	n.a.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: PAINT RELATED MATERIAL, NOT REGULATED

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	No	No	Yes-Cat. N230
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	No	No	No
872-50-4	N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	No	No	Yes
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No	No	No

This material meets the EPA Yes No **Acute (immediate) Health Hazard**
'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**
for SARA Title III Sections Yes No **Fire Hazard**
311/312 as indicated: Yes No **Sudden Release of Pressure Hazard**
 Yes No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt {Sodium metasilicate (pentahydrate)}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
872-50-4	N-Methyl-2-pyrrolidone {2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test, 12(b); CA PROP.65: Yes
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No

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Regulatory Information Statement: All components of this material are listed on the TSCA Inventory or are exempt.

16. OTHER INFORMATION

Revision Date: 04/16/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.