#### **ZERO KLEEN**

### 1. Product and Company Identification

Product Code: 4204

Product Name: ZERO KLEEN Revision: 06/26/2017

Supersedes Revision: 04/11/2017

Manufacturer Information:

Company Name: PDQ Manufacturing, Inc. Phone Number:

201 Victory Circle (706)636-1848

Ellijay, GA 30540

Web site address: www.pdqonline.com

**Emergency Contact:** Chemtrec, Reference: CCN203605 (800)424-9300 **Information:** info@pdqonline.com (706)636-1848

**Supplier Name and Address:** 

Company Name: 4 STATE MAINTENANCE SUPPL Phone Number:

P.O. BOX 591 620/251-7033

CŌFFEYVILLE, KS 67337

#### 2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2 Skin Corrosion/Irritation, Category 3



GHS Signal Word: Warning

GHS Hazard Phrases: H316 - Causes mild skin irritation.

H319 - Causes serious eye irritation.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves and eye protection.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling

poison control center or physician.

P332+313 - If skin irritation occurs, get medical advice/attention. P337+313 - If eye irritation persists, get medical advice/attention.

**GHS Storage and Disposal** 

Phrases:

No phrases apply.

Potential Health Effects

Chronic ingestion may cause lactic acidosis and possible seizures.

(Acute and Chronic): Exposure to large doses may cause central nervous system depression. May cause liver

and kidney damage.

Inhalation:Low hazard for normal industrial handling.Skin Contact:Prolonged exposure may cause skin irritation.

**Eye Contact:** Causes eye irritation.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

#### **ZERO KLEEN**

# 3. Composition/Information on Ingredients

CAS # Hazardous Components (Chemical Name) Concentration

57-55-6 Propylene glycol {1,2-Propanediol} 30.0 -60.0 %

111-76-2 Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, < 5.0 %

Glycol Ether EB}

#### 4. First Aid Measures

**Emergency and First Aid** 

**Procedures:** 

**In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by

inhalation.

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and

shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

**In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes.

Get medical aid.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid.

#### 5. Fire Fighting Measures

Flash Pt: > 75.00 C Method Used: Estimate

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

Autoignition Pt: 238.00 C

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand,

MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and

**Hazards:** 

No data available.

#### 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or

Spilled:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section).

#### 7. Handling and Storage

Precautions To Be Taken in

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. No special

handling procedures are required.

Precautions To Be Taken in No special storage requirements.

Storing:

#### **Exposure Controls/Personal Protection Partial Chemical Name OSHA TWA ACGIH TWA** CAS# Other Limits 57-55-6 Propylene glycol {1,2-Propanediol} No data. No data. No data. PEL: 50 ppm TLV: 20 ppm No data. 111-76-2 Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}

#### **ZERO KLEEN**

**Respiratory Equipment** 

(Specify Type):

Respirator protection is not normally required.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard

EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

No data available.

Engineering Controls

(Ventilation etc.):

9. Physical and Chemical Properties

Physical States: [ ] Gas [ X ] Liquid [ ] Solid

Appearance and Odor: Clear liquid.

butyl-like.

Melting Point: -70.00 C

**Boiling Point:** 100.00 C - 171.00 C

Autoignition Pt: 238.00 C

Flash Pt: > 75.00 C Method Used: Estimate

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

Specific Gravity (Water = 1): ~ 1.03 Vapor Pressure (vs. Air or No data.

mm Hg):

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: Complete

Viscosity: Thin

pH: ~ 4.2 - @ 1% Percent Volatile: No data.

### 10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]

**Conditions To Avoid -**

Instability:

Incompatible materials.

**Incompatibility - Materials To** Strong acids.

Avoid:

Hazardous Decomposition or Carbon monoxide, Carbon dioxide.

**Byproducts:** 

**Possibility of Hazardous** 

Will occur [ ]

Will not occur [X]

Reactions:

**Conditions To Avoid -**

No data available.

**Hazardous Reactions:** 

#### ZERO KLEEN

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
57-55-6	Propylene glycol {1,2-Propanediol}	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol	n.a.	3	А3	n.a.

Ether EB}

## 12. Ecological Information

No data available.

### 13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified

as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed. RCRA U-Series: None listed.

#### 14. Transport Information

LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated under U.S. Department of Transportation regulations (29 CFR)

DOT Hazard Class: NA None

UN/NA Number: None Packing Group:

# 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)	
57-55-6	Propylene glycol {1,2-Propanediol}	No	No	No	
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	No	No	Yes-Cat. N230	
CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists			
57-55-6	Propylene glycol {1,2-Propanediol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No			

111-76-2 Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, CAA HAP,ODC: Yes - Cat.; CWA NPDES: No; TSCA: Yes -

Glycol Ether EB} Inventory; CA PROP.65: No

#### 16. Other Information

**Revision Date:** 06/26/2017

Preparer Name: Regulatory Affairs

Hazard Rating System:





HMIS:

Additional Information About No data available.

This Product:

Company Policy or The information contained in this Safety Data Sheet is provided pursuant to current

Disclaimer: OSHA regulations to convey information concerning the hazardous nature of the named

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# SAFETY DATA SHEET ZERO KLEEN

product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.