

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Kleen Green Nozzle Dip

**Other means of identification**

**SDS number:** 200000007642

**Recommended use and restriction on use**

**Recommended use:** Reserved for industrial and professional use.

**Restrictions on use:** Not known. Read this SDS before using this product.

**Manufacturer/Importer/Supplier/Distributor Information**

**Company Name:** The Harris Products Group

**Address:** 4501 Quality Place  
Mason, OH 45040-1971  
USA

**Telephone:** +1 (513) 754-2000

**Contact Person:** Safety Data Sheet Questions: [custservmason@jwharris.com](mailto:custservmason@jwharris.com)

**Emergency telephone number:**

USA/Canada/Mexico +1 (888) 609-1762

Americas/Europe +1 (216) 383-8962

Asia Pacific +1 (216) 383-8966

Middle East/Africa +1 (216) 383-8969

**3E Company Access Code:** 333988

## 2. HAZARDS IDENTIFICATION

Classified according to the criteria of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), The United States Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200), Canada's Hazardous Product Regulations and Mexico's Harmonized System for the Identification and Communication of Hazards and Risks from Hazardous Chemicals in the Workplace.

**Hazard Classification** Not classified as hazardous according to applicable GHS hazard classification criteria.

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements:** Not applicable

**Other hazards which do not result in GHS classification:** None.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Reportable Hazardous Ingredients  
Mixtures**

The components are not hazardous or are below required disclosure limits.

**Composition Comments:** The term "Hazardous Ingredients" should be interpreted as a term defined in Hazard Communication standards and does not necessarily imply the existence of a welding hazard. The product may contain additional non-hazardous ingredients or may form additional compounds under the condition of use. Refer to Sections 2 and 8 for more information.

#### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth thoroughly.

**Inhalation:** Move to fresh air if breathing is difficult. If breathing has stopped, perform artificial respiration and obtain medical assistance at once.

**Skin Contact:** Remove contaminated clothing and wash the skin thoroughly with soap and water. For reddened or blistered skin, or thermal burns, obtain medical assistance at once.

**Eye contact:** Do not rub eye. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** Symptoms may be delayed.

**Hazards:** No information about adverse effects due to exposure.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Use standard firefighting procedures and consider the hazards of other involved materials.

**Special protective equipment for fire-fighters:** Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions,** If airborne dust and/or fume is present, use adequate engineering controls

|  |   |
|--|---|
| <b>protective equipment and emergency procedures:</b>        | and, if needed, personal protection to prevent overexposure. Refer to recommendations in Section 8.   |
| <b>Methods and material for containment and cleaning up:</b> | Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk. Clean up spills immediately, observing precautions in the personal protective equipment in Section 8. Avoid generating dust. Prevent product from entering any drains, sewers or water sources. Refer to Section 13 for proper disposal. |
| <b>Environmental Precautions:</b>                            | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.   |

## 7. HANDLING AND STORAGE

|  |  |
|--|--|
| <b>Precautions for safe handling:</b>                                | Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.                                 |
| <b>Conditions for safe storage, including any incompatibilities:</b> | Store in closed original container in a dry place. Store in accordance with local/regional/national regulations. Store away from incompatible materials. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

#### Occupational Exposure Limits: US

None of the components have assigned exposure limits.

#### Occupational Exposure Limits: Canada

None of the components have assigned exposure limits.

#### Occupational Exposure Limits: Mexico

None of the components have assigned exposure limits.

|   |   |
|---|---|
| <b>Appropriate Engineering Controls</b> | Observe Occupational Exposure Limits and minimize the risk of inhalation. |
|---|---|

### Individual protection measures, such as personal protective equipment

|                             |  |
|-----------------------------|--|
| <b>General information:</b> | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
|-----------------------------|--|

|                             |                           |
|-----------------------------|---------------------------|
| <b>Eye/face protection:</b> | Wear goggles/face shield. |
|-----------------------------|---------------------------|

### Skin Protection

|                         |   |
|-------------------------|---|
| <b>Hand Protection:</b> | Wear protective gloves. Suitable gloves can be recommended by the glove supplier. |
|-------------------------|---|

|               |                    |
|---------------|--------------------|
| <b>Other:</b> | No data available. |
|---------------|--------------------|

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|--------------------------------|---|
| <b>Respiratory Protection:</b> | In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor. |
|--------------------------------|---|

|                          |  |
|--------------------------|--|
| <b>Hygiene measures:</b> | Do not eat, drink or smoke when using the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |
|--------------------------|--|

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                         |
|--|-------------------------|
| <b>Appearance:</b>   | No data available.      |
| <b>Physical state:</b>                                       | Paste                   |
| <b>Form:</b>   | Paste                   |
| <b>Color:</b>  | White                   |
| <b>Odor:</b>   | No data available.      |
| <b>Odor threshold:</b>                                       | No data available.      |
| <b>pH:</b>   | No data available.      |
| <b>Melting point/freezing point:</b>                         | No data available.      |
| <b>Initial boiling point and boiling range:</b>              | No data available.      |
| <b>Flash Point:</b>  | 182 - 221 °C            |
| <b>Evaporation rate:</b>                                     | No data available.      |
| <b>Flammability (solid, gas):</b>                            | No data available.      |
| <b>Upper/lower limit on flammability or explosive limits</b> |                         |
| <b>Flammability limit - upper (%):</b>                       | No data available.      |
| <b>Flammability limit - lower (%):</b>                       | No data available.      |
| <b>Explosive limit - upper (%):</b>                          | No data available.      |
| <b>Explosive limit - lower (%):</b>                          | No data available.      |
| <b>Vapor pressure:</b>                                       | No data available.      |
| <b>Vapor density:</b>  | No data available.      |
| <b>Density:</b>  | 0.844 g/cm <sup>3</sup> |
| <b>Relative density:</b>                                     | No data available.      |
| <b>Solubility(ies)</b>                                       |                         |
| <b>Solubility in water:</b>                                  | No data available.      |
| <b>Solubility (other):</b>                                   | No data available.      |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.      |
| <b>Auto-ignition temperature:</b>                            | > 290 °C                |
| <b>Decomposition temperature:</b>                            | No data available.      |
| <b>Viscosity:</b>  | No data available.      |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Reactivity:</b>                         | The product is non-reactive under normal conditions of use, storage and transport.              |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions:</b> | None under normal conditions.   |
| <b>Conditions to avoid:</b>                | Avoid heat or contamination.  |
| <b>Incompatible Materials:</b>             | Strong acids. Strong oxidizing substances. Strong bases.  |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

## 11. TOXICOLOGICAL INFORMATION

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**Information on likely routes of exposure**

- Inhalation:** Inhalation is the primary route of exposure. In high concentrations, dust, vapors, fumes or mists may irritate nose, throat and mucus membranes.
- Skin Contact:** Moderately irritating to skin with prolonged exposure.
- Eye contact:** Eye contact is possible and should be avoided.
- Ingestion:** Health injuries from ingestion are not known or expected under normal use.

**Symptoms related to the physical, chemical and toxicological characteristics**

- Inhalation:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

- Oral**
- Product:** Not classified for acute toxicity based on available data.
- Dermal**
- Product:** Not classified for acute toxicity based on available data.
- Inhalation**
- Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

- Product:** No data available.

**Skin Corrosion/Irritation**

- Product:** Not classified

**Serious Eye Damage/Eye Irritation**

- Product:** Not classified

**Respiratory or Skin Sensitization**

- Product:** Respiratory Sensitization: Not classified  
Skin Sensitization: Not classified

**Carcinogenicity**

- Product:** Not classified
- IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified
- US. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified
- US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
No carcinogenic components identified

**Germ Cell Mutagenicity**

- In vitro**
- Product:** Not classified
- In vivo**
- Product:** Not classified
- Reproductive toxicity**
- Product:** Not classified

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Not classified

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Not classified

**Aspiration Hazard**

**Product:** No data available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** Not classified

**Aquatic Invertebrates**

**Product:** Not classified

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** Not classified

**Aquatic Invertebrates**

**Product:** Not classified

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Mobility in soil:**

No data available.

## 13. DISPOSAL CONSIDERATIONS

**General information:**

Dispose of waste and residues in accordance with local authority requirements.

**Disposal instructions:**

Dispose of this material and its container to hazardous or special waste collection point.

**Contaminated Packaging:**

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

## 14. TRANSPORT INFORMATION

Marine Pollutant: No  
Marine Pollutant: No  
Marine Pollutant: No

Marine Pollutant: No

## 15. REGULATORY INFORMATION

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### Hazard categories

Not classified

Not classified

##### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

##### SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

##### SARA 311/312 Hazardous Chemical

None present or none present in regulated quantities.

##### SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

##### Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

##### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

### US State Regulations

#### US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

#### US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

#### US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

#### US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

#### US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

### Canada Federal Regulations

#### List of Toxic Substances (CEPA, Schedule 1)

Not Regulated

**Export Control List (CEPA 1999, Schedule 3)**

Not Regulated

**National Pollutant Release Inventory (NPRI)**

**Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements**

NPRI PT5 Not Regulated

**Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)**

NPRI Not Regulated

**Greenhouse Gases**

Not Regulated

**Controlled Drugs and Substances Act**

CA CDSI Not Regulated

CA CDSII Not Regulated

CA CDSIII Not Regulated

CA CDSIV Not Regulated

CA CDSV Not Regulated

CA CDSVII Not Regulated

CA CDSVIII Not Regulated

**Precursor Control Regulations**

Not Regulated

**Mexico. Substances subject to reporting for the pollutant release and transfer registry (PRTR):** Not applicable

**Inventory Status:**

|  |   |
|--|---|
| Japan (ENCS) List:                       | One or more components are not listed or are exempt from listing. |
| Canada NDSL Inventory:                   | One or more components are not listed or are exempt from listing. |
| Japan ISHL Listing:                      | One or more components are not listed or are exempt from listing. |
| Japan Pharmacopoeia Listing:             | One or more components are not listed or are exempt from listing. |
| Australia AICS:                          | On or in compliance with the inventory                            |
| Canada DSL Inventory List:               | On or in compliance with the inventory                            |
| EINECS, ELINCS or NLP:                   | On or in compliance with the inventory                            |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory                            |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory                            |
| Philippines PICCS:                       | On or in compliance with the inventory                            |
| US TSCA Inventory:                       | On or in compliance with the inventory                            |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory                            |
| Mexico INSQ:                             | On or in compliance with the inventory                            |
| Ontario Inventory:                       | On or in compliance with the inventory                            |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory                            |

**16. OTHER INFORMATION**

**Definitions:**

**Revision Date:** 10/31/2018

**Further Information:** Additional information is available by request.



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**Disclaimer:**

The Lincoln Electric Company urges each end user and recipient of this SDS to study it carefully. See also [www.lincolnelectric.com/safety](http://www.lincolnelectric.com/safety). If necessary, consult an industrial hygienist or other expert to understand this information and safeguard the environment and protect workers from potential hazards associated with the handling or use of this product. This information is believed to be accurate as of the revision date shown above. However, no warranty, expressed or implied, is given. Because the conditions or methods of use are beyond Lincoln Electric's control, we assume no liability resulting from the use of this product. Regulatory requirements are subject to change and may differ between various locations. Compliance with all applicable Federal, State, Provincial, and local laws and regulations remain the responsibility of the user.

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