

# SAFETY DATA SHEET

# 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Kleen Green Nozzle Dip

Other means of identification

200000007642 SDS number:

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

The Harris Products Group Company Name:

4501 Quality Place Address:

Mason, OH 45040-1971

USA

Telephone: +1 (513) 754-2000

Contact Person: Safety Data Sheet Questions: custservmason@jwharris.com

**Emergency telephone number:** 

+1 (888) 609-1762 USA/Canada/Mexico Americas/Europe +1 (216) 383-8962 Asia Pacific +1 (216) 383-8966 +1 (216) 383-8969 Middle East/Africa

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

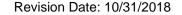
Other hazards which do not

None.

result in GHS classification:

# 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**Use standard firefighting procedures and consider the hazards of other

**procedures:** involved materials.

Special protective equipment

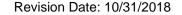
for fire-fighters:

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





protective equipment and emergency procedures:

and, if needed, personal protection to prevent overexposure. Refer to

recommendations in Section 8.

Methods and material for containment and cleaning up:

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.

Environmental Precautions: 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

**Precautions for safe handling:** Provide adequate ventilation. Wear appropriate personal protective

equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities:

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.

**Appropriate Engineering** 

**Controls** 

Observe Occupational Exposure Limits and minimize the risk of inhalation.

Individual protection measures, such as personal protective equipment

**General information:** 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.

**Eye/face protection:** Wear goggles/face shield.

**Skin Protection** 

**Hand Protection:** Wear protective gloves. Suitable gloves can be recommended by the glove

supplier.

Other: No data available.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from

local supervisor.

Hygiene measures: 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





**Appearance:** No data available.

Physical state:PasteForm:PasteColor:White

Odor:

Odor threshold:

No data available.

range:

182 - 221 °C Flash Point: **Evaporation rate:** No data available. Flammability (solid, gas): No data available. Upper/lower limit on flammability or explosive limits Flammability limit - upper (%): No data available. Flammability limit - lower (%): No data available. Explosive limit - upper (%): No data available. **Explosive limit - lower (%):** No data available. No data available. Vapor pressure: No data available. Vapor density: 0.844 g/cm3 Density:

Relative density: Solubility(ies)

Solubility in water: No data available.

Solubility (other): No data available.

Partition coefficient (n- No data available.

octanol/water):

Auto-ignition temperature: > 290 °C

**Decomposition temperature:** No data available. **Viscosity:** No data available.

# 10. STABILITY AND REACTIVITY

Reactivity: The product is non-reactive under normal conditions of use, storage and

transport.

No data available.

**Chemical Stability:** Material is stable under normal conditions.

Possibility of hazardous

reactions:

None under normal conditions.

**Conditions to avoid:** Avoid heat or contamination.

Incompatible Materials: Strong acids. Strong oxidizing substances. Strong bases.

**Hazardous Decomposition** 

Products:

Thermal decomposition or combustion may liberate carbon oxides and

other toxic gases or vapors.

# 11. TOXICOLOGICAL INFORMATION





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
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:

Canada NDSL Inventory:

Japan ISHL Listing:

One or more components are not listed or are exempt from listing.

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Australia AICS: On or in compliance with the inventory On or in compliance with the inventory Canada DSL Inventory List: **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 On or in compliance with the inventory Philippines PICCS: **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 On or in compliance with the inventory Ontario 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.



#### Disclaimer:

The Lincoln Electric Company urges each end user and recipient of this SDS to study it carefully. See also 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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