



# Safety Data Sheet – 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|   |                                 |                                |                      |
|---|---------------------------------|--------------------------------|----------------------|
| Product Identifier: Renew Metal Polish  |                                 | Product Line: Marine/RV/Auto   |                      |
| Product Use: Industrial/Institutional/Residential: Fiberglass/Metals & Headlight Polish |                                 |                                |                      |
| Manufacturer's Name: Bio-Kleen Products, Inc.   |                                 | Website: www.biokleen.com      |                      |
| Street Address: 810 Lake Street   |                                 | Part Number: M01003            |                      |
| City: Kalamazoo   | State: MI                       |                                | Product CAS: Mixture |
| Postal Code: 49001  | Contact Telephone: 269.567.9400 |                                | Fax: 269.388.5491    |
| SDS Effective Date: 11/08/19  |                                 | MSDS Supersedes Date: 02/01/14 |                      |

## SECTION 2 — HAZARD(S) IDENTIFICATION

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| Hazards: Ingredients as mixture are considered hazardous under the Federal Hazard Communication Standard (29CFR 1910.1200) |
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## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients ( <i>specific</i> )            | CAS Number/Weight-% |
|--|---------------------|
| Distillates, petroleum, hydrotreated light | 64742-47-8 /90-<95% |
| Aluminum Oxide                             | 1344-28-1/<5%       |
| Mineral Seal Oil                           | 64742-46-7/ 1<2%    |
| Stearic Acid                               | 57-11-4/ 1<2%       |
| Other components below reportable levels   | Withheld/<1%        |
|  |                     |
|  |                     |

\*\*If Chemical Name/CAS No is "proprietary" and /or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been "WITHHELD" as a trade secret.\*\*



## SECTION 4 — FIRST AID MEASURES

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| Skin Contact: If contact occurs, flush with water. If irritation persists, see a physician  |
| Eye Contact: If contact occurs, flush with plenty of water, If irritation persists, see a physician   |
| Inhalation: Avoid breathing vapors, remove from exposure immediately, call a physician. If breathing has stopped, start resuscitation and administer oxygen.                              |
| Ingestion: Warning-May be harmful or fatal if swallowed. Contact physician immediately. Do not induce vomiting, if vomiting occurs keep head below hips to prevent aspiration into lungs. |

## SECTION 5 — FIRE FIGHTING MEASURES

NA=Not Applicable

|  |  |
|--|--|
| Flammable: YES      NO XX  | If Flammable, under which conditions?                |
| Flashpoint (° C) and Method: AP 164 F  | Auto Ignition Temperature (°C): NA                   |
| Upper Flammable Limit (% by volume): NA  | Lower Flammable Limit (% by volume): NA              |
| Means of Extinction: Carbon Dioxide, Water, Water Fog, Dry Chemical or Chemical Foam | Hazardous Combustion Products: NA                    |
| Explosion Data — Sensitivity to Impact: NA   | Explosion Data — Sensitivity to Static Discharge: NA |

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

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| Leak and Spill Procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment. Small spills: Dilute and absorb. Large spills: Neutralize with soda ash or sodium bicarbonate. Remove all ignition sources. Keep people away. Recover free liquid, Dilute and absorb |
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## SECTION 7 — HANDLING AND STORAGE

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| Handling Procedures and Equipment: Keep out of reach of children. Avoid contact with eyes, nose, mouth, and excessive skin contact. |
| Storage Requirements: Protect against physical damage. Observe all warnings and precautions listed for the product.                 |



## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

|  |                |                 |
|--|----------------|-----------------|
| Exposure Limits: TLV-179 ppm<br>(1200 mg/m <sup>3</sup> ) 8 hour(s)  | OSHA PEL: None | Other (specify) |
| Specific Engineering Controls (such as ventilation, enclosed process): Warning-Combustible mixture. Do not use near fire or open flame. Use in a well-ventilated area.                   |                |                 |
| Personal Protective Equipment:   |                |                 |
| Gloves X   | Mask X         |                 |
| Eye X  | Footwear       |                 |
| Clothing X   | Other          |                 |
| Respiratory Protection (specify type): Avoid breathing vapors, remove from exposure immediately, and call a physician. If breathing has stopped, start resuscitation, administer oxygen. |                |                 |
| Protective Gloves: Rubber: If prolong contact will occur.  |                |                 |
| Eye Protection: Goggles: If splashing could occur. If splashing could occur. If contact occurs, flush with plenty of water, if irritation persists, see a physician.                     |                |                 |
| Other Protective Clothing or Equipment: Apron if needed  |                |                 |

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

NA=Not Available

|                         |   |                                |
|-------------------------|---|--------------------------------|
| Physical State: Liquid  | Appearance: Light Green                   | Odor: Aliphatic Pear           |
| Specific Gravity: 0.880 | Boiling Point: 365 F 185 C                | Vapor Pressure (mmHg): NA      |
| Evaporation Rate: 75%   | Vapor Density (air = 1): NA               | Freezing Point (° C): 32 F 0 C |
| pH: NA                  | Coefficient of Water/Oil Distribution: NA | Solubility in Water: Slight    |

## SECTION 10 — STABILITY AND REACTIVITY

NA=Not Applicable

|   |   |
|---|---|
| Chemical Stability: YES XX NO   | If not stable, under which conditions?  |
| Incompatibility with Other Substances: YES<br>NO XX                                   | If incompatible, which substances? Oxygen and Strong Oxidants - May dissolve some plastics and rubber |
| Reactivity and under what conditions: NA  |   |
| Hazardous decomposition products: Incomplete combustion produces carbon monoxide (CO) |   |



## SECTION 11 — TOXICOLOGICAL INFORMATION

NK=No Known Significant Effects or Critical Hazards

|   |                                       |
|---|---------------------------------------|
| Chemical Listed as Carcinogen or Potential Carcinogen by NTP, IARC, or OSHA 1910(z) (specify):                    |                                       |
| YES   | NO XX                                 |
| Effects of chronic exposure: No LD50 / LC50 information found relating to normal routes of occupational exposure. |                                       |
| Irritancy of product : NK   |                                       |
| Skin sensitization: NK  | Respiratory sensitization: NK         |
| Carcinogenicity-IARC: None  | NTP Carcinogenicity Anticipated: None |
| Reproductive toxicity: NK   | Teratogenicity: NK                    |
| Embryo toxicity: NK   | Mutagenicity: NK                      |

## SECTION 12 — ECOLOGICAL INFORMATION

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| Aquatic Toxicity: This mixture is expected to be toxic to aquatic life |
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## SECTION 13 — DISPOSAL CONSIDERATIONS

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| Waste Disposal: Dispose of properly according to local and federal regulations. |
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## SECTION 14 — TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG/IMDG

UN Number DOT no.: NA1993 Not Regulated

UN Proper Shipping Name Proper Shipping Name (DOT): COMBUSTIBLE LIQUID, N.O.S. (Contains petroleum distillates hydrotreated light)

Packing group: III Minor Danger

Environmental hazards: No

Transport Hazards Class: Combustible Liquid

Emergency Response Guide AERG: 128

DOT Packaging Exceptions (49 Cfr 173.xxx): 150

DOT Packaging Non-Bulk (49 Cfr 173.xxx): 203

DOT Packaging Bulk (49 Cfr 173.xxx): 241

**Additional Information:** Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.



## SECTION 15 — REGULATORY INFORMATION

|   |                 |                |                   |
|---|-----------------|----------------|-------------------|
| Sara 302 RQ: NO   | TPQ: NO         | Sara 313: NO   | Chemical Catg: NO |
| CERCLA: NO  | TCRA 261.33: NO | TSCA 8 (d): NO |                   |
| California Proposition 65: No California proposition 65 listed chemicals are known to be present. |                 |                |                   |
| All ingredients are either listed on the TSCA & DSL inventory or are exempt                       |                 |                |                   |

## SECTION 16 — OTHER INFORMATION

The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of Bio-Kleen Products, Inc. we will not be responsible for loss, injury or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.