

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/27/2015

1 Product and Company Identification

- **Product identifier**

- **Trade name: Parts Kleen II**

- **CAS Number:**

64742-47-8

- **EC number:**

265-149-8

- **Product description**

Environmentally Preferred Parts Cleaner, Conforms to MIL-PRF-6808, Type II

Product Name	Part No.	Packaging
Parts Kleen II	1157-55	55 gallon drum
Parts Kleen II	1157-5	5 gallon pail

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

Ecolink

2177 Flintstone Dr, Ste. A

Tucker, GA 30085

www.ecolink.com

800-886-8240 or 770-621-8240 (8-5 EST)

email: info@ecolink.com

- **Emergency telephone number:** Infotrac: 1-800-535-5053, 1-352-326-2510

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

H304 May be fatal if swallowed and enters airways.

H227 Combustible liquid.

- **Label elements**

- **GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Distillates (petroleum), hydrotreated light

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· **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water spray, alcohol resistant foam, dry chemical or CO2 for extinction

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/national/international/regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

3 Composition/information on ingredients

· **Chemical characterization: Substances**

· **CAS No. Description**

64742-48-7 Distillates (petroleum), hydrotreated light

· **Identification number(s)**

· **EC number:** 265-149-8

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Wash with soap and plenty of water. Remove contaminated clothing and launder before reuse.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Give large amounts of water. Do NOT induce vomiting. If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus and protective suit. Keep closed containers and surroundings cool with water spray.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers, surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols or spray mists.
Electrically ground when transferring between containers.
- **Information about protection against explosions and fires:** Protect from heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.

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- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
*Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.*
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
*The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product.
Select glove material based on penetration times, rates of diffusion and degradation.*
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
- **Eye protection:** *Goggles or safety glasses with side shields recommended if splashing is likely.*

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **Appearance:**
 - Form:** Liquid
 - Color:** Colorless
- **Odor:** Mild petroleum
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
 - Melting point/Melting range:** <-70 °C (<-94 °F)
 - Boiling point/Boiling range:** 192 - 211 °C (376 - 412 °F)
- **Flash point:** 63 °C (145 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 233 °C (453 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Not determined.
- **Danger of explosion:** Not determined.
- **Explosion limits:**
 - Lower:** 0.7 Vol %
 - Upper:** 7.0 Vol %

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- **Vapor pressure @ 20 °C (68 °F):** 0.32 mm Hg
- **Density @ 20 °C (68 °F):** 0.803 g/cm³ (6.70 lbs/gal)
- **Relative density** Not determined.
- **Vapor density** 5.4 (AIR=1)
- **Evaporation rate @ 20 °C (68 °F)** <1 (n-Butyl Acetate=1)

- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:** 1.8 cSt @ 20° C

- **Other information**
 - Organic solvents:** 100.0 %
 - VOC content:** 803 g/ml

10 Stability and reactivity

- **Reactivity**
- **Chemical stability:** Stable under normal conditions of use.
- **Thermal decomposition | conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Keep away from heat and sources of ignition.
- **Incompatible materials:** Avoid strong oxidizing agents.
- **Hazardous decomposition products:** Oxides of carbon.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
64742-47-8 Distillates (petroleum), hydrotreated light

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 - 4,000 mg/kg (rabbit)
Inhalation	LC50 4 h	>4.3 mg/l (rat)
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
Substance is not listed.
- **NTP (National Toxicology Program)**
Substance is not listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Biodegradation:** Readily biodegradable
OECD Test Guideline 301F (28d): 97%
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste Code:** Any unused product may be disposed of as non-hazardous in accordance with State and Federal regulations. Re-evaluation of the product may be required by the use at the time of disposal, since the product uses, mixtures, contamination may change the classification.
- **Empty Container:** May contain product residue that can be dangerous. Do not cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static or other sources of ignition.

14 Transport information

- **UN-Number**
- **DOT** Non-Regulated Material
- **ADR, ADN, IMDG, IATA** Containers < 119 gallons
- **UN proper shipping name** Non-Regulated Material
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material

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- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA Class** *Non-Regulated Material*
- **Packing group**
- **DOT, ADR, IMDG, IATA** *Non-Regulated Material*
- **Environmental hazards:**
- **Marine pollutant:** *No*
- **Special precautions for user** *Not applicable.*
- **Transport in bulk according to Annex II of MARPOL73178 and the IBC Code** *Not applicable.*
- **UN "Model Regulation":** *-*

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
Substance is not listed.
- **Section 313 (Specific toxic chemical listings):**
Substance is not listed.
- **TSCA (Toxic Substances Control Act):**
Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:**
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:**
Substance is not listed.
- **Chemicals known to cause developmental toxicity:**
Substance is not listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**
Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)**
Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
Substance is not listed.

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- **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

- **GHS label elements**

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- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Distillates (petroleum), hydrotreated light

- **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

- **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water spray, alcohol resistant foam, dry chemical or CO2 for extinction

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/national/international/regulations.

- **National regulations:**

Substance is not listed.

- **State Right to Know**

Substance is not listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS:

European Inventory of Existing Commercial Chemical Substances CAS:

Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent