

# Safety Data Sheet

acc. to OSHA HCS

Printing date 04/06/2016

Reviewed on 04/24/2014

## 1 Identification

- **Product identifier**
- **Trade name:** Overnight
- **Article number:** 9077 PK TS
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Power Kleen Corporation  
101 South Bayview Blvd.  
OLDSMAR, FL 34677  
USA
- **Information department:** Product Safety Department
- **Emergency telephone number:** ChemTel Inc. (800) 255-3924 Intl. +01 (813) 248-0585



## 2 Hazard(s) identification

- **Classification of the substance or mixture**



Acute Tox. 4 H302 Harmful if swallowed.  
Eye Irrit. 2A H319 Causes serious eye irritation.

- **Additional information:**  
This product was tested per the protocol of the (OECD) section 404 and the US-Dot 49 CFR Part 173.137.3 Draize, J.H. "Dermal Toxicity" for the potential to produce primary dermal irritation after a single topical 4-hour application to the skin of albino rabbits. This product "was considered a non-irritant".

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard-determining components of labeling:**  
Mineral Acid Salt of Organic Amide
- **Hazard statements**  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P280 Wear eye protection / face protection.  
P264 Wash thoroughly after handling.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMIS-ratings (scale 0 - 4)**

|            |   |                |
|------------|---|----------------|
| HEALTH     | 1 | Health = 1     |
| FIRE       | 0 | Fire = 0       |
| REACTIVITY | 0 | Reactivity = 0 |

### 3 Composition/information on ingredients

· **Description:** Mixture of the substances listed below with nonhazardous additions.· **Dangerous components:**

|            |                                    |         |
|------------|------------------------------------|---------|
|            | Trade secret                       | 10-25%  |
|            | Mineral Acid Salt of Organic Amide | 2.5-10% |
| 68439-46-3 | C9-11 Alcohols Ethoxylated         | 2.5-10% |

### 4 First-aid measures

· **Description of first aid measures**· **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** Immediately rinse with water.· **After eye contact:**

Remove contact lenses if able to do so.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Do not induce vomiting; immediately call for medical help.

Rinse out mouth and then drink plenty of water.

A person vomiting while lying on their back should be turned onto their side.

Immediately call a doctor.

· **Information for doctor:**· **Most important symptoms and effects, both acute and delayed**

Nausea

Gastric or intestinal disorders

Cramp

· **Danger** Large doses may result in red blood cell hemolysis.· **Indication of any immediate medical attention and special treatment needed**

Medical supervision for at least 48 hours.

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### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 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.
- **Information about protection against explosions and fires:** No special measures required.
- **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:**  
Do not store together with alkalis (caustic solutions).  
Store away from oxidizing agents.  
Store away from foodstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
- **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.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.

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Avoid contact with the eyes and skin.

- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

PVC or PE gloves

Neoprene gloves

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Butyl rubber, BR

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Not suitable are gloves made of the following materials:** Leather gloves
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Liquid

**Color:** Amber colored

- **Odor:** Sweetish

- **Odor threshold:** Not determined.

- **pH-value at 20 °C (68 °F):** < 1

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 100 °C (212 °F)

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:**

**Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

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|   |   |
|---|---|
| · <b>Danger of explosion:</b>                     | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                        |   |
| <b>Lower:</b>                                     | Not determined.                               |
| <b>Upper:</b>                                     | Not determined.                               |
| · <b>Vapor pressure:</b>                          | Not determined.                               |
| · <b>Density at 20 °C (68 °F):</b>                | 1.07 g/cm <sup>3</sup> (8.929 lbs/gal)        |
| · <b>Relative density</b>                         | Not determined.                               |
| · <b>Vapor density</b>                            | Not determined.                               |
| · <b>Evaporation rate</b>                         | Not determined.                               |
| · <b>Solubility in / Miscibility with Water:</b>  | Fully miscible.                               |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                               |
| · <b>Viscosity:</b>                               |   |
| <b>Dynamic:</b>                                   | Not determined.                               |
| <b>Kinematic:</b>                                 | Not determined.                               |
| · <b>Solvent content:</b>                         |   |
| <b>Organic solvents:</b>                          | 0.0 %   |
| <b>Water:</b>                                     | 78.4 %  |
| <b>VOC content:</b>                               | 0.1 g/l / 0.00 lb/gl                          |
| · <b>Solids content:</b>                          | 30.4 %  |

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions**
  - Reacts with strong alkali.
  - Reacts with oxidizing agents.
  - Reacts with metals forming hydrogen.
- **Hazardous decomposition products:**
  - Nitrogen oxides
  - Hydrogen chloride (HCl)
  - Hydrogen
  - Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
  - The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

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Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

|          |                 |   |
|----------|-----------------|---|
| 111-76-2 | 2-butoxyethanol | 3 |
|----------|-----------------|---|

- **NTP (National Toxicology Program)**

no ingredient above de minimis level is listed

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

None of the ingredients is listed.

## 12 Ecological information

- **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.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

## 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **UN-Number**

- **DOT** Not regulated

- **UN proper shipping name**

- **DOT** Not regulated

- **Transport hazard class(es)**

- **DOT** Not applicable

- **Packing group**

- **DOT** Not applicable

- **Environmental hazards:**

- **Marine pollutant:** No

- **Transport/Additional information:**

- **DOT** This material was tested for corrosivity toward a steel surface and found to be Non-corrosive by the test protocol. It is therefore specifically exempted from corrosive warnings for transportation purposes.

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· UN "Model Regulation": Not regulated

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

|   |
|---|
| · Section 355 (extremely hazardous substances): |
|---|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|   |
|---|
| · Section 313 (Specific toxic chemical listings): |
|---|

|          |                 |
|----------|-----------------|
| 111-76-2 | 2-butoxyethanol |
|----------|-----------------|

|  |
|--|
| · TSCA (Toxic Substances Control Act): |
|--|

|            |                            |
|------------|----------------------------|
| 68439-46-3 | C9-11 Alcohols Ethoxylated |
|------------|----------------------------|

|          |                 |
|----------|-----------------|
| 111-76-2 | 2-butoxyethanol |
|----------|-----------------|

|           |   |
|-----------|---|
| 7732-18-5 | water, distilled, conductivity or of similar purity |
|-----------|---|

|                  |
|------------------|
| · Proposition 65 |
|------------------|

|                                    |
|------------------------------------|
| · Chemicals known to cause cancer: |
|------------------------------------|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|   |
|---|
| · Chemicals known to cause reproductive toxicity for females: |
|---|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|   |
|---|
| · Chemicals known to cause reproductive toxicity for males: |
|---|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|  |
|--|
| · Chemicals known to cause developmental toxicity: |
|--|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|                           |
|---------------------------|
| · Carcinogenic categories |
|---------------------------|

|   |
|---|
| · EPA (Environmental Protection Agency) |
|---|

|          |                 |    |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | NL |
|----------|-----------------|----|

|  |
|--|
| · TLV (Threshold Limit Value established by ACGIH) |
|--|

|          |                 |    |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | A3 |
|----------|-----------------|----|

|  |
|--|
| · NIOSH-Ca (National Institute for Occupational Safety and Health) |
|--|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms



GHS07

- Signal word Warning

- Hazard-determining components of labeling:

Mineral Acid Salt of Organic Amide

- Hazard statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

(Contd. on page 8)

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· **Precautionary statements**

- P280                   Wear eye protection / face protection.  
 P264                   Wash thoroughly after handling.  
 P305+P351+P338 *If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
 P301+P312           **IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.**  
 P337+P313           *If eye irritation persists: Get medical advice/attention.*  
 P501                   Dispose of contents/container in accordance with local/regional/national/international regulations.

- **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.*

- **Department issuing SDS:** Environment protection department.

· **Date of preparation / last revision**

04/06/2016 / -  
 04/24/2014

· **Abbreviations and acronyms:**

DOT: US Department of Transportation  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 VOC: Volatile Organic Compounds (USA, EU)  
 Acute Tox. 4: Acute toxicity – Category 4  
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

US