

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

## 1 Identification

- **Product identifier**

- **Trade name:** PK142 Parts Washing Solvent (orange)



Chemical Solutions Since 1973

- **Article number:** PK 0142.1

- **CAS Number:**

97722-10-6

- **EC number:**

307-760-5

- **Index number:**

649-518-00-4

- **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**



GHS08 Health hazard

Asp. Tox. 1 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 statements**

Combustible liquid.

May be fatal if swallowed and enters airways.

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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

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

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

Store locked up.

Store in a well-ventilated place. Keep cool.

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

(Contd. on page 2)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

Trade name: PK142 Parts Washing Solvent (orange)

(Contd. of page 1)

· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMIS-ratings (scale 0 - 4)**· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

· **Chemical characterization: Substances**· **CAS No. Description**

97722-10-6 Hydrocarbons, C14-29, solvent-extd. light naphthenic

· **Identification number(s)**· **EC number:** 307-760-5· **Index number:** 649-518-00-4

## 4 First-aid measures

· **Description of first aid measures**· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** Generally the product does not irritate the skin.· **After eye contact:**

Remove contact lenses if able to do so.

Rinse opened eye for several minutes under running water.

· **After swallowing:**

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

Do not induce vomiting; immediately call for medical help.

If symptoms persist consult doctor.

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

Coughing

Nausea

Gastric or intestinal disorders

Cramp

· **Danger** Danger of pulmonary edema.· **Indication of any immediate medical attention and special treatment needed**

Medical supervision for at least 48 hours.

Later observation for pneumonia and pulmonary edema.

If swallowed or in case of vomiting, danger of entering the lungs.

USA

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

Trade name: PK142 Parts Washing Solvent (orange)

(Contd. of page 2)

### 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.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 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 (sand, diatomite, acid binders, universal binders, sawdust).
- **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** No special precautions are necessary if used correctly.
- **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:**  
Store away from oxidizing agents.  
Store away from foodstuffs.
- **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 item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
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**  
Neoprene gloves  
Nitrile rubber, NBR

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

Trade name: PK142 Parts Washing Solvent (orange)

(Contd. of page 3)

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.

· **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:**

Natural rubber, NR

Leather gloves

· **Eye protection:** Goggles recommended during refilling.

· **Body protection:** Solvent resistant protective clothing

## 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Liquid

Color: Orange

· **Odor:** Mild

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 179 °C (354 °F)

· **Flash point:** 61 °C (142 °F)

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

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Not determined.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapor pressure:** Not determined.

· **Density at 20 °C (68 °F):** 0.79 g/cm<sup>3</sup> (6.593 lbs/gal)

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not determined.

(Contd. on page 5)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

Trade name: PK142 Parts Washing Solvent (orange)

(Contd. of page 4)

<b>Kinematic:</b>	Not determined.
<b>Organic solvents:</b>	0.0 %
<b>Other information</b>	No further relevant information available.

### 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 oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** 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:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **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.
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

USA

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

Trade name: PK142 Parts Washing Solvent (orange)

(Contd. of page 5)

## 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.

## 14 Transport information

- |  |                           |
|--|---------------------------|
| · <b>UN-Number</b>   |                           |
| · <b>DOT</b>   | NA1993                    |
| · <b>UN proper shipping name</b>   |                           |
| · <b>DOT</b>   | COMBUSTIBLE LIQUID, N.O.S |
| · <b>Transport hazard class(es)</b>  |                           |
| · <b>DOT</b>   |                           |
| · <b>Class</b>   | 3 Flammable liquids.      |
| · <b>Packing group</b>   |                           |
| · <b>DOT</b>   | III                       |
| · <b>Environmental hazards:</b>  |                           |
| · <b>Marine pollutant:</b>   | No                        |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.           |

## 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 not 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.

(Contd. on page 7)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 06/02/2014

Reviewed on 06/02/2014

**Trade name: PK142 Parts Washing Solvent (orange)**

(Contd. of page 6)

**· 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.

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

Substance is not listed.

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

**· Hazard pictograms**


GHS08

**· Signal word** *Danger*
**· Hazard statements**
*Combustible liquid.*
*May be fatal if swallowed and enters airways.*
**· Precautionary statements**
*If medical advice is needed, have product container or label at hand.*
*Keep out of reach of children.*
*Read label before use.*
*Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
*Wear protective gloves/protective clothing/eye protection/face protection.*
*IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.*
*Store locked up.*
*Store in a well-ventilated place. Keep cool.*
*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 MSDS:** Environment protection department.

**· Date of preparation / last revision** 6/2/2014

**· Abbreviations and acronyms:**

DOT: US Department of Transportation

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)

HMIS: Hazardous Materials Identification System (USA)