

## Manual Parts Washer Detergent

MSDS Number: C905727

Revision Date: January 11, 2010

Page 1 of 4

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Kärcher North America, Inc.

325 S Price Road  
Chandler, AZ 85224

#### Contact:

**Telephone Number:** 360-833-1600

**FAX Number:** 360-833-9200

**E-Mail:** info@karcherna.com

**Web** www.karcher.com

**Product Name:** Manual Parts Washer Detergent

**Revision Date:** January 11, 2010

**MSDS Number:** C905727

For Chemical Emergency, Spill, Leak, Fire, Exposure Call:  
CHEMTREC 1-800-424-9300, Outside US Call 1-703-527-3887

For Medical Emergency Call ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Skin, Inhalation; Ingestion;

**Target Organs:** Eyes; Skin; Respiratory system; Gastrointestinal system

**Inhalation:** Minimal respiratory tract irritation is expected when product is used according to label instructions.

**Skin Contact:** May cause irritation.

**Eye Contact:** May cause irritation.

**Ingestion:** Ingestion is not applicable route of entry for intended use.

HMIS II-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

HMIS Rating H1/F0/PH0<sup>®</sup>

NFPA-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
112345	5-8%	Diethylene Glycol Butyl Ether
27176870	5-8%	Dodecylbenzenesulfonic acid
1310732	1-3%	Sodium hydroxide solution

OSHA Regulatory Status:

This MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

## Manual Parts Washer Detergent

MSDS Number: C905727

Revision Date: January 11, 2010

Page 2 of 4

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.  
**Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.  
**Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** >212°F  
**Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

### 6 ACCIDENTAL RELEASE MEASURES

Response team must use protective clothing to prevent body contact. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete, allow floor to dry before allowing traffic. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.  
**Storage Requirements:** Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or acidic materials.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Normal room ventilation is satisfactory for limited use.  
**Protective Equipment:** HMIS PP, B | Safety glasses, Gloves  
**Exposure Guidelines/Other:** Sodium Hydroxide 1310-73-2 OSHA PEL 2 mg/m3

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear straw	<b>Boiling Point:</b>	N/D
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	N/D
<b>Odor:</b>	Citrus	<b>Solubility:</b>	Soluble
<b>pH:</b>	9.89	<b>Spec Grav./Density:</b>	8.48 lb/gal
<b>Vapor Pressure:</b>	N/D		
<b>Vapor Density:</b>	N/D		

**VOC:** 6.3% LVP- VOC

## Manual Parts Washer Detergent

MSDS Number: C905727

Revision Date: January 11, 2010

Page 3 of 4

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to avoid:</b>	Extreme high heat
<b>Materials to avoid (incompatibility):</b>	Strong oxidizing or acidic materials
<b>Hazardous Decomposition products:</b>	Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

#### Toxicity Data:

Diethylene glycol butyl ether 112-34-5

Oral ( LD 50): 5660 mg/kg - Rat

Inhalation ( LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Sulfonic Acid DDBSA 27176-87-0

Oral ( LD 50): 650 mg/kg - Rat

Inhalation ( LC 50): Not listed on RTECS

Skin irritation: Severe

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Sodium Hydroxide 1310-73-2

Oral ( LD 50): Not listed on RTECS

Intraperitoneal Injection 40 mg/kg - Mouse

Inhalation ( LC 50): Not listed on RTECS

Skin irritation: Mild

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

## Manual Parts Washer Detergent

MSDS Number: C905727

Revision Date: January 11, 2010

Page 4 of 4

### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

### 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

### 14 TRANSPORT INFORMATION

DOT Class: Not regulated #

Non-hazardous for air, sea and road freight.

### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

-----  
\*Diethylene Glycol Butyl Ether (112345 5-8%) HAP, SARA313, TSCA, WHMIS 1 %

\*Dodecylbenzenesulfonic acid (27176870 5-8%) CERCLA, CSWHS, MASS, PA, TSCA, WHMIS 1%

\*Sodium hydroxide solution (1310732 1-3%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

-----  
All components are listed on TSCA

CERCLA = Superfund clean up substance

CSWHS = Clean water Act Hazardous substances

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA WAC = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS = workplace Haz Mat Info Sys Canada

### 16 OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

**END OF MSDS DOCUMENT**