

# Safety Data Sheet

Issue Date 23-Aug-2024

Revision/Review Date: 23-Aug-2024

Version 1.0

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Karcher Concrete & Driveway Cleaner

### Other Means of Identification

**Product Code** 645100

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Concrete cleaner concentrated.

### Details of the Supplier of the Safety Data Sheet

Karcher North America  
6398 N Karcher Way  
Aurora, CO 80019

### Emergency Telephone Number

**Company Phone Number** Phone: 1-800-537-4129  
**Emergency Telephone (24hr/day  
7days/week)** INFOTRAC 1-800-535-5053 (USA & Canada)  
011-1-352-323-3500 (Outside USA & Canada)

## 2. HAZARDS IDENTIFICATION

**Appearance** Orange

**Physical State** Liquid

**Odor** Orange

### Classification

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2 Sub-Category 2A

### Signal Word

Warning



### Hazard Statements

Causes mild skin irritation.  
Causes serious eye irritation.

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Wear eye protection/face protection.

### Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: If skin irritation occurs: Get medical advice/attention.

### Precautionary Statements – Storage

No other specific measures identified.

### Precautionary Statements – Disposal

No other specific measures identified.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight-%
Alcohols, C9-11 Ethoxylated	68439-46-3	1-5

\*\*If Chemical Name/CAS number 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. \*\*

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. After the first 5 minutes, remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	If skin irritation occurs, rinse affected area with water. If skin irritation occurs or persists: Seek medical advice.
<b>Inhalation</b>	No known hazardous effects. If symptoms occur, remove to fresh air.
<b>Ingestion</b>	Drink plenty of water. If any discomfort persists, obtain medical attention.

#### Most Important Symptoms and Effects

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation.
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#### Indication of Any Immediate Medical Attention and Special Treatment Needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

#### Unsuitable Extinguishing Media

Not determined.

#### Specific Hazards Arising from the Chemical

None known.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>Environmental Precautions</b>	Avoid release to the environment.

#### Methods and Material for Containment and Cleaning Up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Safety glasses and gloves are recommended when cleaning up spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Avoid contact with eyes. Observe good industrial hygiene practices.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep locked up and out of reach of children.

**Incompatible Materials** Oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No exposure limits noted for ingredient(s)

### Appropriate Engineering Controls

**Engineering Controls** General room ventilation should be adequate under normal use conditions.

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection** Safety glasses should be worn if splashing can occur.

**Skin and Body Protection** No protective equipment is needed under normal use conditions. Protective gloves should be worn if prolonged skin contact is anticipated.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Orange
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	10.5-11.5	
<b>Melting Point/Freezing Point</b>	~ 0 °C / ~ 32 °F	
<b>Boiling Point/Boiling Range</b>	~ 100 °C / ~ 212 °F	
<b>Flash Point</b>	Not applicable	Tag Open Cup
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	na/-liquid	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Not determined	
<b>Specific Gravity</b>	1.01	
<b>Water Solubility</b>	Completely soluble	@ 25 °C (77 °F)
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Oxidizers.

### Hazardous Decomposition Products

When exposed to fire, produces normal products of combustion.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Prolonged contact with skin may cause irritation in susceptible persons.
<b>Inhalation</b>	No known issues.
<b>Ingestion</b>	Do not taste or swallow.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols, C9-11 ethoxylated 68439-46-3	= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical Measures of Toxicity

Not determined

**Unknown Acute Toxicity** None known

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Alcohols, C9-11, Ethoxylated 68439-46-3	EC50: 0.95mg/L (Algae)	6mg/L (96hr) Pimephales promelas (Fathead minnow)	-	2.5mg/L (48hr) Daphnia magna

**Persistence/Degradability**

This product is expected to be readily biodegradable.

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Canada – Domestic Substances List (DSL) All ingredients are listed or exempt.  
 TSCA (Toxic Substances Control Act) All ingredients are listed or exempt.

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None known	-		-

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None known	-			-

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	State List
None known	-

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|--|---|
| AZ- Arizona Ambient Air Quality Guidelines<br>CT- Connecticut Hazardous Air Pollutants<br>CA- California Director's List of Hazardous Substances<br>CAP65- California Prop65<br>FL- Florida Substances List<br>ID- Idaho Non-Carcinogen Toxic Air Pollutants | IL- Illinois Toxic Air Contaminant- Carcinogenic<br>MA- Massachusetts Right to Know List<br>MN- Minnesota Hazardous Substances List<br>NJ- New Jersey Right to Know List<br>PA- Pennsylvania Right to Know List<br>RI- Rhode Island Hazardous Substances List |
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**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	Glasses

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**Revision Note** Version 1.0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Keep Out of Reach of Children. For Industrial and Institutional Use Only.**

\*Denotes changes from last version.

**End of Safety Data Sheet**