

# Dirt Buster

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.  
Issue date: 3/4/2022 Revision date: 9/19/2022 Version: 2.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : Dirt Buster

#### 1.2. Recommended use and restrictions on use

Recommended use : Motor Vehicle Wash

#### 1.3. Supplier

##### Manufacturer

Superior Products  
6962 Highway 111  
S. Roxana, IL 62087 - US  
T 800 424-9300, Contact Phone: 618 254-7400 - F 618 254-7421  
[sds@superiorproducts.com](mailto:sds@superiorproducts.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin Sens. 1 May cause an allergic skin reaction

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning  
Hazard statements (GHS US) : May cause an allergic skin reaction  
Precautionary statements (GHS US) : Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin: Wash with plenty of water.  
Wash contaminated clothing before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
Benzenesulfonic acid, C10-16-alkyl derivatives	CAS-No.: 68584-22-5	*
Sodium xylenesulfonate	CAS-No.: 1300-72-7	*
Sodium hydroxide	CAS-No.: 1310-73-2	*
Coconut diethanolamide	CAS-No.: 68603-42-9	*
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	CAS-No.: 4719-04-4	*

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store tightly closed in a dry, cool and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Dirt Buster

No additional information available

#### Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)

No additional information available

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<b>Coconut diethanolamide (68603-42-9)</b>	
No additional information available	
<b>Sodium xylenesulfonate (1300-72-7)</b>	
No additional information available	
<b>Sodium hydroxide (1310-73-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL Ceiling	2 mg/m <sup>3</sup>
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL (TWA) [1]	2 mg/m <sup>3</sup>
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	10 mg/m <sup>3</sup>
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL (Ceiling)	2 mg/m <sup>3</sup>
US-NIOSH chemical category	SK: DIR(COR) Apr 2011
<b>1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719-04-4)</b>	
No additional information available	

### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.
Environmental exposure controls	: Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

<b>Hand protection:</b>
Wear suitable gloves. Wear suitable gloves resistant to chemical penetration
<b>Eye protection:</b>
Safety glasses or goggles are recommended when using product.
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Red liquid.
Color	: Red

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Odor	: Soap
Odor threshold	: No data available
pH	: 9.3
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 5001 °C / 9034 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Not flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C / 68 °F	: No data available
Relative density	: No data available
Solubility	: Easily soluble.
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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<b>Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)</b>	
LD50 oral rat	775 mg/kg
LD50 dermal rabbit	2000 mg/kg
ATE US (oral)	775 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight
<b>Coconut diethanolamide (68603-42-9)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2 g/kg
<b>Sodium xylenesulfonate (1300-72-7)</b>	
LD50 oral rat	1000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	1000 mg/kg body weight
<b>Sodium hydroxide (1310-73-2)</b>	
LD50 oral rat	325 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE US (oral)	325 mg/kg body weight
ATE US (dermal)	1350 mg/kg body weight
<b>1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719-04-4)</b>	
LD50 oral rat	763 mg/kg
LD50 dermal rat	> 4000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 inhalation rat	0.338 mg/l/4h
ATE US (oral)	763 mg/kg body weight
ATE US (vapors)	0.338 mg/l/4h
ATE US (dust, mist)	0.338 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 9.3
Serious eye damage/irritation	: Not classified pH: 9.3
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.

<b>Coconut diethanolamide (68603-42-9)</b>	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

<b>Sodium hydroxide (1310-73-2)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	: No data available
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

#### Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)

LC50 - Fish [1]	3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	2.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### Coconut diethanolamide (68603-42-9)

LC50 - Fish [1]	3.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
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#### Sodium hydroxide (1310-73-2)

LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l

#### 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719-04-4)

LC50 - Fish [1]	16.07 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
EC50 - Crustacea [1]	11.9 mg/l Test organisms (species): Daphnia magna

### 12.2. Persistence and degradability

#### Dirt Buster

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### Dirt Buster

Bioaccumulative potential	Not established.
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#### Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)

Partition coefficient n-octanol/water	2 (at 23 °C)
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : No other effects known.

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible. Recycle empty containers where allowed.

### SECTION 14: Transport information

In accordance with DOT

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

#### 14.3. Transport hazard class(es)

##### DOT

Transport hazard class(es) (DOT) : Not applicable

#### 14.4. Packing group

Packing group (DOT) : Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

#### 15.2. International regulations

No additional information available

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### 15.3. US State regulations

**⚠ WARNING:** This product can expose you to Coconut oil diethanolamine condensate (cocamide diethanolamine), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

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Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



#### Full text of H-phrases

Skin Sens. 1	Skin sensitization, Category 1
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Safety Data Sheet (SDS), USA

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