

- **Product identifier**
- **Trade name** *Sunoco Cal-Tack WR2*
- **Product Code:** *9963*
- **Details of the supplier of the safety data sheet**
- **Manufacturer:**  
*SUNOCO LUBRICANTS*  
*420 Imperial Court*  
*Bensalem, PA 19020*  
*USA*  
*technical@sunocolubes.com*
- **Information department:** *Technical Department*
- **Emergency telephone number:** *CHEMTREC 800.424.9300*

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
*The product is not classified, according to the Globally Harmonized System (GHS).*

- **Label elements**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

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

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

## 3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

- **Dangerous components:**

68584-23-6	C10-C16 alkylbenzenesulfonic acid calcium salt	1-5%
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## 4 First-aid measures

- **Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Generally the product does not irritate the skin.*

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- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **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.
- **Protective Action Criteria for Chemicals**

**PAC-1:**

471-34-1	calcium carbonate, precipitated	45 mg/m <sup>3</sup>
62-54-4	calcium di(acetate)	13 mg/m <sup>3</sup>
57-55-6	propylene glycol	30 mg/m <sup>3</sup>

**PAC-2:**

471-34-1	calcium carbonate, precipitated	210 mg/m <sup>3</sup>
62-54-4	calcium di(acetate)	140 mg/m <sup>3</sup>
57-55-6	propylene glycol	1,300 mg/m <sup>3</sup>

**PAC-3:**

471-34-1	calcium carbonate, precipitated	1,300 mg/m <sup>3</sup>
62-54-4	calcium di(acetate)	850 mg/m <sup>3</sup>
57-55-6	propylene glycol	7,900 mg/m <sup>3</sup>

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **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:** Not required.

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- **Further information about storage conditions:** None.
- **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**
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
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.
- **Eye protection:** Goggles recommended during refilling.

**9 Physical and chemical properties**

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Semi-Solid
<b>Color:</b>	Light brown
<b>Odor:</b>	Petroleum-like
<b>Odor threshold:</b>	Not determined.
- **pH-value:** Not determined.
- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	370-595 °C (698-1,103 °F)
- **Flash point:** 160 °C (320 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** >315 °C (>599 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.

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· <b>Explosion limits:</b>	
<b>Lower:</b>	<i>Not determined.</i>
<b>Upper:</b>	<i>Not determined.</i>
· <b>Vapor pressure at 20 °C (68 °F):</b>	<i>0 hPa</i>
· <b>Density at 20 °C (68 °F):</b>	<i>1.23551 g/cm<sup>3</sup> (10.31033 lbs/gal)</i>
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapor density</b>	<i>Not determined.</i>
· <b>Evaporation rate</b>	<i>Not determined.</i>
· <b>Solubility in / Miscibility with Water:</b>	<i>Not miscible or difficult to mix.</i>
· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
<b>Dynamic:</b>	<i>Not determined.</i>
<b>Kinematic at 40 °C (104 °F):</b>	<i>220 mm<sup>2</sup>/s</i>
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	<i>0.5 %</i>
<b>VOC content:</b>	<i>0.50 %</i>
	<i>6.2 g/l / 0.05 lb/gal</i>
<b>Solids content:</b>	<i>39.7 %</i>
· <b>Other information</b>	<i>No further relevant information available.</i>

**10 Stability and reactivity**

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**

 · **LD/LC50 values that are relevant for classification:**
**Sulfonic Acids, petroleum, calcium salts**

Oral LD50 &gt;5,000 mg/kg (rat)

Dermal LD50 &gt;2,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*

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**· Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**· Carcinogenic categories**
**· OSHA-Ca (Occupational Safety & Health Administration): (Substances not listed)**

None of the ingredients is listed.

**12 Ecological information**
**· Toxicity**
**· Aquatic toxicity:**
**Sulfonic Acids, petroleum, calcium salts**

EC50	>1,000 mg/L ( <i>Scenedesmus subspicatus</i> (Alga))
	>1,000 mg/L (bacteria)
	>1,000 mg/L (daphnia)
	>1,000 mg/L (Fish)

· **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.

**13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

· **Uncleaned packagings:**

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

**14 Transport information**

· **UN-Number**

· **DOT, ADN, IMDG, IATA** not regulated

· **UN proper shipping name**

· **DOT, ADN, IMDG, IATA** not regulated

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- |   |                 |
|---|-----------------|
| <b>· Transport hazard class(es)</b>   |                 |
| <b>· DOT, ADN, IMDG, IATA</b>   |                 |
| <b>· Class</b>  | not regulated   |
| <b>· Packing group</b>  |                 |
| <b>· DOT, IMDG, IATA</b>  | not regulated   |
| <b>· Environmental hazards:</b>   |                 |
| <b>· Marine pollutant:</b>  | No              |
| <b>· Special precautions for user</b>   | Not applicable. |
| <b>· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>   | not regulated   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

<b>· Section 355 (extremely hazardous substances):</b>	
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None of the ingredients is listed.
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<b>· Section 313 (Specific toxic chemical listings):</b>	
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None of the ingredients is listed.
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<b>· TSCA (Toxic Substances Control Act):</b>			
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68584-23-6	C10-C16 alkylbenzenesulfonic acid calcium salt	ACTIVE	1-5%
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<b>· Hazardous Air Pollutants</b>	
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None of the ingredients is listed.
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<b>· Proposition 65</b>	
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<b>· Chemicals known to cause cancer:</b>	
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None of the ingredients is listed.
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<b>· Chemicals known to cause reproductive toxicity for females:</b>	
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None of the ingredients is listed.
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<b>· Chemicals known to cause reproductive toxicity for males:</b>	
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None of the ingredients is listed.
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<b>· Chemicals known to cause developmental toxicity:</b>	
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None of the ingredients is listed.
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<b>· Carcinogenic categories</b>	
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<b>· TLV (Threshold Limit Value)</b>	
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None of the ingredients is listed.
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<b>· NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
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None of the ingredients is listed.
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<b>· GHS label elements</b> Void	
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<b>· Hazard pictograms</b> Void	
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<b>· Signal word</b> Void	
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<b>· Hazard statements</b> Void	
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· **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.*

· **Date of preparation / last revision** 03/21/2022 / 2

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

· **\* Data compared to the previous version altered.**

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