



**Safety Data Sheet**  
**Complies with 29 CFR 1910.1200 &with**  
**Hazardous Products Regulations**  
**(SOR/2015-17)**  
**PENTOSPEED SP 5W-40**

Revision Date: 08/26/2022

## 1. Identification

**Product identifier**

**Product Identity** PENTOSPEED SP 5W-40

**Other means of identification** PENTOSPEED SP 5W-40

**Relevant identified uses of the substance or mixture and uses advised against**  
Lubricant

**Details of the supplier of the safety data sheet**

**Company Name** CRP Industries, Inc.  
35 Commerce Drive  
Cranbury NJ 08512  
United States

**Emergency**

**24 hour Emergency Telephone No.** US – ChemTrec 1-800-424-9300

**Customer Service:** CRP Industries, Inc.

## 2. Hazard(s) identification

**Classification of the substance or mixture**

Serious eye damage / eye irritation, category 2A;H319 Causes serious eye irritation.

Skin sensitizer category 1B;H317 May cause an allergic skin reaction.

**Label elements**



### Warning

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

**[Prevention]**

P261 Avoid breathing dust, fume, gas, mist, vapours, spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, face protection.



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**[Response]**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P332+313 IF SKIN IRRITATION OCCURS: Get medical advice or attention.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P337+313 If eye irritation persists: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

**[Storage]**

No GHS storage statements

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

**3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based CAS Number: 0072623-87-1 Synonyms: Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil-unspecified	25 - 50	Not Classified	No data available
Calcium long chain alkaryl sulfonate CAS Number: 0722503-69-7 Synonyms: Calcium long chain alkaryl sulfonate	1 - 5	Skin sensitizer category 1B;H317	No data available
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts CAS Number: 0068784-31-6 Synonyms: PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(SEC-BU AND 1	1 - 5	Serious eye damage / eye irritation, category 1;H318 Skin corrosion/irritation category 2;H315	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

**Section 4. First aid measures**

**Description of first aid measures**

**General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.



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<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	No specific symptom data available. Treat symptomatically. See section 2 for further details.
<b>Eyes</b>	Causes serious eye irritation.
<b>Skin</b>	May cause an allergic skin reaction. Causes mild skin irritation. (This category was not adopted by US or Canada)

**Section 5. Fire-fighting measures**

**Extinguishing media**

Suitable extinguishing media: CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added.  
Unsuitable extinguishing media: Water with a full water jet.

**Special hazards arising from the substance or mixture**

Hazardous decomposition: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Avoid breathing dust, fume, gas, mist, vapours, spray.

**Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**ERG Guide No.**           ---

**Section 6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

**Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



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**Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

**Section 7. Handling and storage**

**Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

See section 2 for further details. - [Prevention]

**Conditions for safe storage, including any incompatibilities**

Do not heat up to temperatures close to the flash point.

Incompatible materials: Strong oxidizing substances. Strong acids. Strong bases.

See section 2 for further details. - [Storage]

**Specific end use(s)**

No data available.

**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0068784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit



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		Quebec	No Established Limit		
		Saskatchewan	No Established Limit		
		Yukon	No Established Limit		
0072623-87-1	Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based	ACGIH	No Established Limit		
		Alberta	No Established Limit		
		British Columbia	No Established Limit		
		Manitoba	No Established Limit		
		New Brunswick	No Established Limit		
		Newfoundland and Labrador	No Established Limit		
		Nova Scotia	No Established Limit		
		Northwest Territories	No Established Limit		
		Nunavut	No Established Limit		
		Ontario	No Established Limit		
		Prince Edward Island	No Established Limit		
		Quebec	No Established Limit		
		Saskatchewan	No Established Limit		
		Yukon	No Established Limit		
		0722503-69-7	Calcium long chain alkaryl sulfonate	ACGIH	No Established Limit
				Alberta	No Established Limit
British Columbia	No Established Limit				
Manitoba	No Established Limit				
New Brunswick	No Established Limit				
Newfoundland and Labrador	No Established Limit				
Nova Scotia	No Established Limit				
Northwest Territories	No Established Limit				
Nunavut	No Established Limit				
Ontario	No Established Limit				
Prince Edward Island	No Established Limit				
Quebec	No Established Limit				
Saskatchewan	No Established Limit				
Yukon	No Established Limit				

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.



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**Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
- Eyes** Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
- Skin** Protective gloves recommended.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

**Section 9. Physical and chemical properties**

<b>Appearance</b>	Brown Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not Available
<b>Melting point / freezing point</b>	Not Available
<b>Initial boiling point and boiling range</b>	Not Available
<b>Flash Point</b>	234 °C
<b>Evapouration rate (Ether = 1)</b>	Not Available
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Available <b>Upper Explosive Limit:</b> Not Available
<b>Vapour pressure (Pa)</b>	Not Available
<b>Vapour Density</b>	Not Available
<b>Relative Density</b>	0.85 g/cm <sup>3</sup> (15 °C)
<b>Solubility in Water</b>	Insoluble in water
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Available
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>Viscosity (cSt)</b>	Kinematic viscosity: 87.06 mm <sup>2</sup> /s (40 °C)
<b>Other information</b>	
DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)	



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**Section 10. Stability and reactivity**

**Reactivity**

Hazardous Polymerization will not occur.

**Chemical stability**

Stable under normal circumstances.

**Possibility of hazardous reactions**

No data available.

**Conditions to avoid**

No data available.

**Incompatible materials**

Strong oxidizing substances. Strong acids. Strong bases.

**Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**Section 11. Toxicological information**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based - (72623-87-1)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available	? 4.70, Rat - Category: NA	No data available
Calcium long chain alkaryl sulfonate - (722503-69-7)	No data available	No data available	No data available	No data available	No data available
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts - (68784-31-6)	No data available	No data available	No data available	No data available	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0068784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0072623-87-1	Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit



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0722503-69-7	Calcium long chain alkaryl sulfonate	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1B	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry: No data available.

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

Treat symptomatically.

**Eyes** Causes serious eye irritation.

**Skin** May cause an allergic skin reaction. Causes mild skin irritation. (This category was not adopted by US or Canada)

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

Contains Ethanol, 2,2'-iminobis-, N-C12-18-alkyl derivs. (71786-60-2) which has an M-Factor of 10, leading to the GHS classification H402/H412.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based - (72623-87-1)	Not Available	Not Available	Not Available
Calcium long chain alkaryl sulfonate - (722503-69-7)	Not Available	Not Available	Not Available
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts - (68784-31-6)	Not Available	Not Available	Not Available





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**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

Not Available

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**Other adverse effects**

No data available.

**Section 13. Disposal considerations**

**Waste treatment methods**

Observe all federal, state, and local regulations when disposing of this substance.

**Section 14. Transport information**

Classification Method: Classified as per Part 2, Sections 2.1 - 2.8 of the Transportation of Dangerous Goods Regulations.

	<b>TDG (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport hazard class(es)</b>	<b>TDG Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>Special precautions for user</b>	Not Applicable		



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**Section 15. Regulatory information**

**Regulatory Overview**     The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

Toxic Substance Control Act ( TSCA)

Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based     (UVCB )

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts     (UVCB )

**Canadian Domestic Substance List (DSL):**

Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based (0072623-87-1)	Yes	Yes	Yes	Yes	No	No	No	No
Calcium long chain alkaryl sulfonate (0722503-69-7)	No	Yes	No	No	No	No	No	No
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts (0068784-31-6)	Yes	Yes	No	Yes	No	No	No	No

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC
Lubricating Oils (petroleum), C20-50, hydrotreated neutral oil-based (0072623-87-1)	Yes	No	No	No	No	No	Yes	Yes
Calcium long chain alkaryl sulfonate (0722503-69-7)	No	No	No	No	No	No	No	No
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl)esters, zinc salts (0068784-31-6)	Yes	No	No	No	No	No	Yes	Yes

**Section 16. Other information**

**Revision Date**                    08/26/2022

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

End of Document