



**Safety Data Sheet**  
**Complies with 29 CFR 1910.1200 & with**  
**Hazardous Products Regulations**  
**(SOR/2015-17)**  
**CRP PENTOSIN CHF 11S**

Revision Date: 09/08/2022

**1. Identification**

**Product identifier**

**Product Identity** CRP PENTOSIN CHF 11S

**Other means of identification** CRP PENTOSIN CHF 11S

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

**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.** Canada – ChemTrec 1-800-424-9300

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

**2. Hazard(s) identification**

**Classification of the substance or mixture**

Skin sensitizer category 1;H317	May cause an allergic skin reaction.
Aspiration hazard, category 1;H304	May be fatal if swallowed and enters airways.
Aquatic toxicity (acute), category 3;H402	Harmful to aquatic life.

**Label elements**



**Danger**

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H402 Harmful to aquatic life.

**[Prevention]**

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

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

P273 Avoid release to the environment.

P280 Wear protective gloves, eye protection, face protection.



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**[Response]**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.

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

P331 Do NOT induce vomiting.

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

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

**[Storage]**

P405 Store locked up.

**[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
1-Decene, dimer, hydrogenated CAS Number: 0068649-11-6 Synonyms: Dec-1-ene, dimers, hydrogenated	65 - 85	Aspiration hazard, category 1;H304	No data available
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified CAS Number: 0072623-86-0 Synonyms: Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified	30 - 60	Not Classified	No data available
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives CAS Number: 0061791-44-4 Synonyms: Tallow bis(2-hydroxyethyl)amine	0.1 - 1	Metal corrosion;H290 Acute toxicity(oral), category 4;H302 Skin corrosion/irritation category 1C;H314 Skin sensitizer category 1;H317 Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (acute), category 1;H400	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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- Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
- Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Ingestion** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Overview** Treat symptomatically. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

- Inhalation** May be fatal if swallowed and enters airways.
- Skin** May cause an allergic skin reaction.

**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.** ---



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**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.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.

**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
0061791-44-4	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit



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		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
0068649-11-6	1-Decene, dimer, hydrogenated	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
0072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified	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



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	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.

**Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
- Eyes** Protective safety glasses recommended
- 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>	Green 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>	156 °C
<b>Evaporation 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>	0.82 g/ml (15.00 °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



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**Decomposition temperature** Not Available  
**Viscosity (cSt)** Kinematic viscosity: 18.7 mm<sup>2</sup>/s (40 °C)  
**Other information**  
DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

**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**

Excessive heat and open flame.

**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**

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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
1-Decene, dimer, hydrogenated - (68649-11-6)	No data available	No data available	No data available	No data available	No data available



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Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified - (72623-86-0)	No data available	No data available	No data available	No data available	No data available
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives - (61791-44-4)	No data available	No data available	No data available	No data available	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0061791-44-4	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0068649-11-6	1-Decene, dimer, hydrogenated	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

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	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	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	1	May be fatal if swallowed and enters airways.

Possible routes of entry: No data available.

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

Treat symptomatically.

**Inhalation**                      May be fatal if swallowed and enters airways.

**Skin**                                      May cause an allergic skin reaction.





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**Section 12. Ecological information**

**Toxicity**

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
1-Decene, dimer, hydrogenated - (68649-11-6)	Not Available	Not Available	Not Available
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified - (72623-86-0)	Not Available	Not Available	Not Available
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives - (61791-44-4)	Not Available	Not Available	Not Available

**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



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<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		

**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)

1-Decene, dimer, hydrogenated (UVCB )

Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives (UVCB )

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified (UVCB )

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

1-Decene, dimer, hydrogenated

Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified

**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.



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**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.

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
1-Decene, dimer, hydrogenated (0068649-11-6)	Yes	Yes	Yes	No	No	No	Yes	No
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified (0072623-86-0)	Yes	Yes	Yes	Yes	No	No	No	Yes
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives (0061791-44-4)	Yes	Yes	Yes	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
1-Decene, dimer, hydrogenated (0068649-11-6)	Yes	Yes	No	No	No	No	Yes	Yes
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil-unspecified (0072623-86-0)	Yes	Yes	No	No	No	No	Yes	Yes
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives (0061791-44-4)	Yes	No	No	No	No	No	Yes	Yes

**Section 16. Other information**

**Revision Date**                      09/08/2022

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.



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

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

End of Document