



Safety Data Sheet
Complies with 29 CFR 1910.1200 &with
Hazardous Products Regulations
(SOR/2015-17)
REIN Seal and Assembly Lubricant

Revision Date: 02/14/2024

Section 1. Identification

Product identifier

Product Identity

REIN Seal and Assembly Lubricant

Other means of identification

REIN Seal and Assembly Lubricant

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

Lubricate cooling hoses with quick connect plastic couplings.

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:

Section 2. Hazard(s) identification

Classification of the substance or mixture

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

Label elements

The substance is not classified according to the OSHA Hazcom or WHMIS regulations.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.



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Section 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
Triethanolamine, TEA(99%) CAS Number: 102-71-6 Synonyms: Triethanolamine	1 - 5	Not Classified	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.
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 swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	
Overview	No specific symptom data available. Treat symptomatically.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: CO₂, 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: In case of fire: CO₂, CO, NO_x, SO₂



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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.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Prevent contact with eyes. Prevent longer or repeated contact with skin. Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Particular danger of slipping on leaked/spilled product. Remove contaminated clothing. Keep away from food, drink and animal feeding stuffs. Wash hands before brakes and at end of work Do not eat, drink or smoke while working.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Provide solvent resistant, sealed floor. Prevent any seepage into the ground. Store away from oxidizing agents. Store away from food, beverage and feedingstuff. Store in cool, dry conditions in well sealed receptacles. Storage class: 12 non-flammable liquids.

Incompatible materials: No data available.

See section 2 for further details. - [Storage]

Specific end use(s)

No data available.



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Section 8. Exposure controls / personal protection

Control parameters

		Exposure	
CAS No.	Ingredient	Source	Value
102-71-6	Triethanolamine, TEA(99%)	ACGIH	TWA: 5 mg/m ³
		Alberta	5 mg/m ³ TWA
		British Columbia	5 mg/m ³ TWA
		Manitoba	5 mg/m ³ TWA
		New Brunswick	5 mg/m ³ TWA
		Newfoundland and Labrador	5 mg/m ³ TWA
		Nova Scotia	5 mg/m ³ TWA
		Northwest Territories	5 mg/m ³ TWA 10 mg/m ³ STEL
		Nunavut	5 mg/m ³ TWA 10 mg/m ³ STEL
		Ontario	0.5 ppm TWA; 3.1 mg/m ³ TWA
		Prince Edward Island	5 mg/m ³ TWA
		Quebec	5 mg/m ³ TWAEV
		Saskatchewan	5 mg/m ³ TWA 10 mg/m ³ STEL
Yukon	No Established Limit		

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.



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Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Light Yellow Paste
Odor	Odorless
Melting point / freezing point	0 °C (32 °F)
Initial boiling point and boiling range	100 °C (212 °F)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Available Upper Explosive Limit: Not Available
Flash Point	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	Not Measured
Viscosity (cSt)	Kinematic at 40 °C (104 °F): 1,500 mm ² /s
Solubility in Water	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapour pressure (Pa)	23 hPa (17.3 mm Hg)
Relative Density	Density at 20 °C (68 °F): 1 g/cm ³ (8.35 lbs/gal) Relative density Not determined.
Vapour Density	Not Available
Evaporation rate (Ether = 1)	Not Available
Other information	No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No data available.



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Conditions to avoid

Heat, flames and sparks. Keep away from strong oxidants as well as reducing agents.

Incompatible materials

No data available.

Hazardous decomposition products

In case of fire: CO₂, CO, NO_x, SO₂

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
Triethanolamine, TEA(99%) - (102-71-6)	6,400.00, Rat - Category: NA	> 2,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
102-71-6	Triethanolamine, TEA(99%)	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; 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	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure	3	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry: No data available.



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Symptoms and effects, both acute and delayed:

No specific symptom data available.
Treat symptomatically.

Section 12. Ecological information

Toxicity

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

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Triethanolamine, TEA(99%) - (102-71-6)	11,800.00, Pimephales promelas	609.88, Ceriodaphnia dubia	512.00, Desmodesmus subspicatus

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

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.



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Section 14. Transport information

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

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

- 1,2-Benzisothiazol-3(2h)-one ()
- Benzoic acid ()
- Glycine, N-methyl-N-(1-oxo-9-octadecenyl)-, (Z)- ()
- Sodium hydroxide ()
- Triethanolamine, TEA(99%) ()

Canadian Domestic Substance List (DSL):

- Benzoic acid
- Sodium hydroxide
- Triethanolamine, TEA(99%)

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%):



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Benzoic acid
 Sodium hydroxide
 Triethanolamine, TEA(99%)

Pennsylvania RTK Substances (>1%):

Benzoic acid
 Sodium hydroxide
 Triethanolamine, TEA(99%)

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.

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Triethanolamine, TEA(99%) (102-71-6)	Yes	Yes	Yes	Yes	No	No	No	Yes

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC
Triethanolamine, TEA(99%) (102-71-6)	Yes	Yes	Yes	No	No	No	Yes	Yes



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Section 16. Other information

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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:

Not Applicable

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