

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
 SDS ID: 50031
 Issue date: 9/26/2011 Revision date: 9/26/2023 Supersedes: 5/26/2015 Version: 3.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Trade name : PREMIUM RV RUBBER ROOF CLEANER & CONDITIONER
 Product code : 32540P-TC

1.2. Recommended use and restrictions on use

Recommended use : Vehicle maintenance

1.3. Supplier

Manufacturer

Theftford LLC
 7101 Jackson Road
 Ann Arbor, MI 48103
 USA
 T (734) 769-6000
sds@thetford.com

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	Comment
USA	CHEMTREC - 24/7		(800) 424-9300	

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation Category 1	H318	Causes serious eye damage
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Reproductive toxicity Category 2	H361	Suspected of damaging fertility or the unborn child

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) :

- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) :

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P280 - Wear eye protection, protective gloves.
- P261 - Avoid breathing mist.

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P272 - Contaminated work clothing must not be allowed out of the workplace.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER.
P302+P352 - If on skin: Wash with plenty of water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P321 - Specific treatment (see first aid section on this label on this label).
P363 - Wash contaminated clothing before reuse.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container to Dispose of in accordance with federal, state, and local regulations. .

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Mixture of the following ingredients with non hazardous additions.

Name	Product identifier	%	GHS US classification
Alkyl, C8-10, polyglucoside	CAS-No.: 68515-73-1	1 – 5	Eye Dam. 1, H318
Alkyl, C10-16, polyglucoside	CAS-No.: 110615-47-9	0.1 – 5	Eye Dam. 1, H318 Skin Irrit. 2, H315
Sodium tetradecyl sulfate	CAS-No.: 68585-47-7	0.1 – 5	Eye Dam. 1, H318 Skin Irrit. 2, H315
Borax Decahydrate	CAS-No.: 1303-96-4	≥ 0.1	Eye Irrit. 2, H319 Repr. 2, H361
Hydroxyphenyl-benzotriazole	-	0.1 – 1	Skin Sens. 1, H317 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Seek medical advice.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
First-aid measures after ingestion : Do NOT induce vomiting. Drink plenty of water. If you feel unwell, seek medical advice.

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

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
Symptoms/effects after inhalation : May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye damage.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Wear suitable protective clothing. No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : No flames, no sparks. Eliminate all sources of ignition.

6.1.2. For emergency responders

Protective equipment : Safety glasses. Protective gloves.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up small spills with water. Soak up larger spills with absorbent material. Place used absorbent in closed containers for disposal. Mop the area with plenty of cold, clean water. Dispose of in accordance with federal, state, and local regulations.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Wash thoroughly after handling. Spilled material may be slippery.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Do not freeze. Keep away from ignition sources.
- Incompatible products : Strong bases. Strong acids. Oxidizing agent.
- Storage temperature : > 0 – < 38 °C (<32 - <100°F)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Borax Decahydrate (1303-96-4)

No additional information available

Sodium tetradecyl sulfate (68585-47-7)

No additional information available

Alkyl, C10-16, polyglucoside (110615-47-9)

No additional information available

Alkyl, C8-10, polyglucoside (68515-73-1)

No additional information available

Hydroxyphenyl-benzotriazole

No additional information available

8.2. Appropriate engineering controls

- Appropriate engineering controls : Maintain adequate ventilation.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

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Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Color	: Colorless
Odor	: Detergent.
Odor threshold	: No data available
pH	: 8 – 10
Melting point	: No data available
Freezing point	: 0 °C (32°F)
Boiling point	: 99 °C (210°F)
Flash point	: > 200 °F (>93°C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.01 – 1.02 g/ml
Solubility	: In water, material soluble.
Partition coefficient n-octanol/water (Log Pow)	: 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

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon monoxide. Carbon dioxide.

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

Borax Decahydrate (1303-96-4)

LD50 oral	> 2600 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: other:
LD50 dermal	> 1381 mg/kg body weight
LC50 Inhalation - Rat (Dust/Mist)	> 1405 mg/l

Sodium tetradecyl sulfate (68585-47-7)

LD50 oral rat	> 2000 mg/kg Source: IUCLID, TOMES; LOLI;
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Alkyl, C10-16, polyglucoside (110615-47-9)

LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	> 2000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg body weight

Alkyl, C8-10, polyglucoside (68515-73-1)

LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 oral	> 2000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg body weight

Hydroxyphenyl-benzotriazole

LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
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Skin corrosion/irritation : Not classified
pH: 8 – 10
Serious eye damage/irritation : Causes serious eye damage.
pH: 8 – 10
Respiratory or skin sensitization : May cause an allergic skin reaction.

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Alkyl, C10-16, polyglucoside (110615-47-9)

NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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Alkyl, C8-10, polyglucoside (68515-73-1)

NOAEL (oral,rat,90 days)	100 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

Borax Decahydrate (1303-96-4)

LC50 - Fish [1]	74 mg/l
EC50 - Other aquatic organisms [1]	> 571 mg/l waterflea
LC50 - Fish [2]	74 mg/l Test organisms (species): Limanda limanda
EC50 - Other aquatic organisms [2]	158 mg/l
EC50 72h - Algae [1]	66 mg/l Test organisms (species): Phaeodactylum tricornutum
EC50 72h - Algae [2]	54 mg/l Test organisms (species): Phaeodactylum tricornutum
NOEC chronic fish	6.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '34 d'

Alkyl, C10-16, polyglucoside (110615-47-9)

LC50 - Fish [1]	2.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	7 mg/l waterflea
LC50 - Fish [2]	5.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [2]	14 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [2]	5 mg/l

Alkyl, C8-10, polyglucoside (68515-73-1)

LC50 - Fish [1]	100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea
LC50 - Fish [2]	170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

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Alkyl, C8-10, polyglucoside (68515-73-1)	
EC50 - Other aquatic organisms [2]	27.2 mg/l
EC50 72h - Algae [1]	27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Hydroxyphenyl-benzotriazole	
EC50 - Other aquatic organisms [1]	4 mg/l Test organisms (species): other aquatic crustacea:
EC50 72h - Algae [1]	> 9 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

PREMIUM RV RUBBER ROOF CLEANER & CONDITIONER	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

PREMIUM RV RUBBER ROOF CLEANER & CONDITIONER	
Bioaccumulative potential	Not established.

Sodium tetradecyl sulfate (68585-47-7)	
Partition coefficient n-octanol/water (Log Pow)	2.18 Source: EPISUITE

12.4. Mobility in soil

Sodium tetradecyl sulfate (68585-47-7)	
Mobility in soil	196.1

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : The generation of waste should be avoided or minimized wherever possible. Waste disposal should be in accordance with existing federal, state and local regulations. Empty containers should be rinsed and taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : Not regulated
UN-No. (TDG) : Not applicable
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

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14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not regulated
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

DOT

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

TDG

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

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

Not regulated

TDG

Not applicable

IMDG

Not regulated

IATA

Not regulated

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

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SARA Section 311/312 Hazard Classes	Health hazard - Serious eye damage or eye irritation Health hazard - Reproductive toxicity
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Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

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Name	CAS-No.	Listing	Commercial status	Flags
Borax Decahydrate	1303-96-4	Present	Active	
Sodium tetradecyl sulfate	68585-47-7	Present	Active	
Alkyl, C10-16, polyglucoside	110615-47-9	Present	Inactive	N;P
Alkyl, C8-10, polyglucoside	68515-73-1	Present	Inactive	
Hydroxyphenyl-benzotriazole		Not present	-	

15.2. International regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 9/26/2023

Other information : None.

Full text of H-phrases	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.