



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

POR-15 WATERBASED TRUCK BEDLINER SATIN-BLACK

Version number: GHS 1.0

Date of compilation: 2024-09-11

1 Identification

1.1 Product identifier

Trade name **POR-15 WATERBASED TRUCK BEDLINER SATIN-BLACK**
Product code(s) 49704, 49701, 49705, 249701, 249704, 249705

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

Relevant identified uses General use

1.3 Details of the supplier of the safety data sheet

P.O.R. Products
38 Portman Road
New Rochelle NY 10801
United States

Telephone: +1 914-636-0700
e-mail: support@porproducts.com
Website: www.porproducts.com

e-mail (competent person) support@porproducts.com

1.4 Emergency telephone number

Emergency information service 1-800-255-3924
ChemTel Inc.

2 Hazard identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.6	carcinogenicity	1B	Carc. 1B	H350
3.7	reproductive toxicity	1B	Repr. 1B	H360D
3.8R	specific target organ toxicity - single exposure (respiratory tract irritation)	3	STOT SE 3	H335
3.9	specific target organ toxicity - repeated exposure	1	STOT RE 1	H372

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources.

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2.2 Label elements

Labeling

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H350 May cause cancer.
H360D May damage the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

- Precautionary statements

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

N-methyl-2-pyrrolidone, Extracts (petroleum), heavy paraffinic distillate solvent, styrene, triethylamine

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2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

3 Composition/ Information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
Dipropylene glycol methyl ether	CAS No 34590-94-8	5 - < 10	Flam. Liq. 4 / H227
styrene	CAS No 100-42-5	1 - < 5	Flam. Liq. 3 / H226 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Repr. 2 / H361d STOT RE 1 / H372 Asp. Tox. 1 / H304
Extracts (petroleum), heavy paraffinic distillate solvent	CAS No 64742-04-7	1 - < 5	Carc. 1B / H350
triethylamine	CAS No 121-44-8	1 - < 5	Flam. Liq. 2 / H225 Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 4 / H332 Skin Corr. 1A / H314 STOT SE 3 / H335
ammonia, anhydrous	CAS No 7664-41-7	0.1 - < 1	Flam. Gas 2 / H221 Press. Gas C / H280 Acute Tox. 4 / H302 Acute Tox. 3 / H331 Skin Corr. 1B / H314

Remarks

For full text of abbreviations: see SECTION 16

4 First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

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Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

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Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Control of the effects

Protect against external exposure, such as

frost

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

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7.3 Specific end use(s)

See section 16 for a general overview.

8 Exposure controls/ Personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	styrene, monomer	100-42-5	OEL (BC)	20		40					"BC Regulation"
CA	styrene, monomer	100-42-5	OEL (ON)	35		100					Regulation 833
CA	styrene, monomer	100-42-5	OEL (ON-MoL)	35		100					MoL
CA	styrene, monomer	100-42-5	PEV/VEA		50	75					Regulation OHS
CA	Styrene, monomer (Phenylethylene; Vinyl benzene)	100-42-5	OEL (AB)	20	85	40	170				OHS Code
CA	silica, amorphous, silica gel	112926-00-8	PEV/VEA		6					r, dust, noAsb, less1Sil	Regulation OHS
CA	silica, amorphous - precipitated and gel	112926-00-8	OEL (BC)		4						"BC Regulation"
CA	silica, amorphous - precipitated and gel	112926-00-8	OEL (BC)		1.5					r	"BC Regulation"
CA	triethylamine	121-44-8	OEL (AB)	1	4.1	3	12			H	OHS Code
CA	triethylamine	121-44-8	OEL (BC)	0.5		1				H	"BC Regulation"
CA	triethylamine	121-44-8	OEL (ON-MoL)	0.5		1				H	MoL
CA	triethylamine	121-44-8	PEV/VEA	0.5		1				H	Regulation OHS
CA	carbon black	1333-86-4	OEL (AB)		3.5						OHS Code
CA	carbon black	1333-86-4	PEV/VEA		3					dust, i	Regulation OHS
CA	carbon black	1333-86-4	OEL (BC)		3					i	"BC Regulation"

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Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	carbon black	1333-86-4	OEL (ON-MoL)		3					i	MoL
CA	(2-methoxymethyl-ethoxy)propanol (DPGME)	34590-94-8	OEL (ON-MoL)	100		150				H	MoL
CA	dipropylene glycol methyl ether ((2-methoxymethylethoxy)propanol) (DP-GME)	34590-94-8	OEL (AB)	100	606	150	909			H	OHS Code
CA	dipropylene glycol methyl ether (DP-GME)	34590-94-8	OEL (BC)	100		150					"BC Regulation"
CA	dipropylene glycol monomethyl ether	34590-94-8	PEV/VEA	100	606	150	909			H	Regulation OHS
CA	ammonia	7664-41-7	OEL (AB)	25	17	35	24				OHS Code
CA	ammonia	7664-41-7	OEL (BC)	25		35					"BC Regulation"
CA	ammonia	7664-41-7	OEL (ON-MoL)	25		35					MoL
CA	ammonia	7664-41-7	PEV/VEA	25	17	35	24				Regulation OHS

Notation

Ceiling-C	ceiling value is a limit value above which exposure should not occur
dust	as dust
H	absorbed through the skin
i	inhalable fraction
noAsb_less1S	contains no asbestos and less than 1% free crystalline silica
il	
r	respirable fraction
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Dipropylene glycol methyl ether	34590-94-8	DNEL	308 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Dipropylene glycol methyl ether	34590-94-8	DNEL	283 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
styrene	100-42-5	DNEL	85 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects



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Relevant DNELs of components						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
styrene	100-42-5	DNEL	289 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
styrene	100-42-5	DNEL	306 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
styrene	100-42-5	DNEL	406 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	DNEL	2.73 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	DNEL	0.97 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
triethylamine	121-44-8	DNEL	8.4 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
triethylamine	121-44-8	DNEL	12.6 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
triethylamine	121-44-8	DNEL	8.4 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
triethylamine	121-44-8	DNEL	12.6 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
triethylamine	121-44-8	DNEL	12.1 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
ammonia, anhydrous	7664-41-7	DNEL	47.6 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
ammonia, anhydrous	7664-41-7	DNEL	47.6 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
ammonia, anhydrous	7664-41-7	DNEL	14 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
ammonia, anhydrous	7664-41-7	DNEL	36 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
ammonia, anhydrous	7664-41-7	DNEL	6.8 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
ammonia, anhydrous	7664-41-7	DNEL	6.8 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Dipropylene glycol methyl ether	34590-94-8	PNEC	19 mg/l	aquatic organisms	freshwater	short-term (single instance)
Dipropylene glycol methyl ether	34590-94-8	PNEC	1.9 mg/l	aquatic organisms	marine water	short-term (single instance)
Dipropylene glycol methyl ether	34590-94-8	PNEC	4,168 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)

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Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Dipropylene glycol methyl ether	34590-94-8	PNEC	70.2 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Dipropylene glycol methyl ether	34590-94-8	PNEC	7.02 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Dipropylene glycol methyl ether	34590-94-8	PNEC	2.74 mg/kg	terrestrial organisms	soil	short-term (single instance)
styrene	100-42-5	PNEC	0.028 mg/l	aquatic organisms	freshwater	short-term (single instance)
styrene	100-42-5	PNEC	0.014 mg/l	aquatic organisms	marine water	short-term (single instance)
styrene	100-42-5	PNEC	5 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
styrene	100-42-5	PNEC	0.614 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
styrene	100-42-5	PNEC	0.307 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
styrene	100-42-5	PNEC	0.2 mg/kg	terrestrial organisms	soil	short-term (single instance)
triethylamine	121-44-8	PNEC	0.11 mg/l	aquatic organisms	freshwater	short-term (single instance)
triethylamine	121-44-8	PNEC	0.011 mg/l	aquatic organisms	marine water	short-term (single instance)
triethylamine	121-44-8	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
triethylamine	121-44-8	PNEC	1.575 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
triethylamine	121-44-8	PNEC	0.158 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
triethylamine	121-44-8	PNEC	0.25 mg/kg	terrestrial organisms	soil	short-term (single instance)
ammonia, anhydrous	7664-41-7	PNEC	0.001 mg/l	aquatic organisms	freshwater	short-term (single instance)
ammonia, anhydrous	7664-41-7	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

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Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	not determined
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	100 °C
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined

Solubility(ies)

Water solubility	miscible in any proportion
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Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapor pressure	72 hPa at 20 °C
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Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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9.2 VOC Content g/L	239
Information with regard to physical hazard classes	there is no additional information

Other safety characteristics

Miscibility	Completely miscible with water.
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10 Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidizers

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10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

11 Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
styrene	100-42-5	inhalation: vapour	11 mg/l/4h
triethylamine	121-44-8	oral	730 mg/kg
triethylamine	121-44-8	dermal	580 mg/kg
triethylamine	121-44-8	inhalation: vapour	11 mg/l/4h
ammonia, anhydrous	7664-41-7	oral	350 mg/kg
ammonia, anhydrous	7664-41-7	inhalation: gas	>700 ppm ^V /4h

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

May cause cancer.

Reproductive toxicity

May damage the unborn child.

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

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Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

12 Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dipropylene glycol methyl ether	34590-94-8	LC50	>1,000 mg/l	fish	96 h
Dipropylene glycol methyl ether	34590-94-8	ErC50	>969 mg/l	algae	72 h
Dipropylene glycol methyl ether	34590-94-8	EC50	>969 mg/l	algae	72 h
styrene	100-42-5	LC50	10 mg/l	fish	96 h
styrene	100-42-5	EC50	3.32 mg/l	fish	96 h
styrene	100-42-5	ErC50	4.9 mg/l	algae	72 h
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	LL50	>1,000 mg/l	fish	96 h
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	EL50	35.9 mg/l	aquatic invertebrates	48 h
triethylamine	121-44-8	LC50	24 mg/l	fish	96 h
triethylamine	121-44-8	ErC50	8 mg/l	algae	72 h
triethylamine	121-44-8	EC50	6.8 mg/l	algae	72 h
ammonia, anhydrous	7664-41-7	LC50	3.4 mg/l	fish	96 h

Aquatic toxicity (chronic) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
styrene	100-42-5	EC50	1.88 mg/l	aquatic invertebrates	21 d
styrene	100-42-5	LC50	>3.84 mg/l	aquatic invertebrates	21 d
triethylamine	121-44-8	LC50	137 mg/l	fish	60 d
triethylamine	121-44-8	EC50	130 mg/l	fish	60 d
ammonia, anhydrous	7664-41-7	EC50	2,700 mg/l	algae	18 d

12.2 Persistence and degradability

Data are not available.

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12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

13 Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

14 Transport information

14.1	UN number	not assigned
14.2	UN proper shipping name	not assigned
14.3	Transport hazard class(es)	none
14.4	Packing group	not assigned
14.5	Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations
14.6	Special precautions for user	There is no additional information.
14.7	Transport in bulk according to IMO instruments	The cargo is not intended to be carried in bulk.



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Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG)

not assigned

International Maritime Dangerous Goods Code (IMDG) - Additional information

not assigned

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

not assigned

15 Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA)

not all ingredients are listed (ACTIVE)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities

Name of substance	CAS No	Notes	Reportable quantity (pounds)	Threshold planning quantity (pounds)
ammonia, anhydrous	7664-41-7	f	100	500

Legend

f Chemical on the original list that does not meet toxicity criteria but because of its acute lethality, high production volume and known risk is considered chemical of concern ("Other chemicals"). (November 17, 1986, and February 15, 1990.)

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
styrene	100-42-5		1986-12-31
ammonia, anhydrous	7664-41-7	includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing	1986-12-31
triethylamine	121-44-8		1994-12-31



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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
styrene	100-42-5		1 3	1000 (454)
ammonia, anhydrous	7664-41-7		1	100 (45,4)
triethylamine	121-44-8		1 3 4	5000 (2270)

Legend

- 1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act
- 3 "3" indicates that the source is section 112 of the Clean Air Act
- 4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

Clean Air Act

Name of substance	CAS No	Type of registration	Basis for listing	Threshold quantity (lbs)
ammonia, anhydrous	7664-41-7	Toxic substance	a b	20000
ammonia, anhydrous	7664-41-7	Toxic substance	a b	10000

Legend

- a Mandated for listing by Congress.
- b On EHS list, vapor pressure 10 mmHg or greater.

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
styrene	100-42-5		ATSDR Neurotoxicants CA MCLs CA TACs IARC Carcinogens - 2A IRIS Neurotoxicants NTP 13th RoC - reasonable OEHHA RELS Prop 65
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7		EC Annex VI CMRs - Cat. 1B
triethylamine	121-44-8		CA TACs OEHHA RELS
ammonia, anhydrous	7664-41-7		CWA 303(d) OEHHA RELS



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- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
styrene	100-42-5				0.1 %
ammonia, anhydrous	7664-41-7				1.0 %
triethylamine	121-44-8				1.0 %

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
styrene	100-42-5	A, N, O, *	skin
Dipropylene glycol methyl ether	34590-94-8	A, O	
triethylamine	121-44-8	A, O	

Legend

- * Substances which are regulated by OSHA as carcinogens; have been categorized by the ACGIH as either "human carcinogens" or "suspect of carcinogenic potential for man"; have been evaluated by the International Agency for Research on Cancer (IARC) and found to be carcinogens or potential carcinogens; or have been listed as a carcinogen or potential carcinogen in the Annual Report on Carcinogens published by the National Toxicology Program (NTP).
- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- N National Institute for Occupational Safety and Health (NIOSH), "Recommendations for Occupational Safety and Health Standards," August 1988, available from NIOSH, Publications Dissemination Office, Division of Standards Development and Technology Transfer
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division
- skin If a potential for absorption from skin contact merits special consideration, the word "skin" follows the substance name.

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
styrene	100-42-5		CA F3 R2
Dipropylene glycol methyl ether	34590-94-8		F2
ammonia, anhydrous	7664-41-7		CO
triethylamine	121-44-8		F3

Legend

- CA Carcinogenic
- CO Corrosive
- F2 Flammable - Second Degree
- F3 Flammable - Third Degree
- R2 Reactive - Second Degree



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- Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
BENZENE, ETHENYL-	100-42-5	E
PROPANOL, (2-METHOXYMETHYLETHOXY)-	34590-94-8	
AMMONIA	7664-41-7	E
ETHANAMINE, N,N-DIETHYL-	121-44-8	E

Legend

E Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
styrene	100-42-5	T, F
styrene	100-42-5	T, F
styrene	100-42-5	T, F
Dipropylene glycol methyl ether	34590-94-8	T
ammonia, anhydrous	7664-41-7	T, F
triethylamine	121-44-8	T, F
triethylamine	121-44-8	T, F

Legend

F Flammability (NFPA®)
T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals

Name acc. to inventory	CAS No	Remarks	Type of the toxicity
styrene	100-42-5		cancer

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	0	material that will not burn under typical fire conditions



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Category	Rating	Description
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National regulations (Canada)

Domestic Substances List (DSL)/Non-domestic Substances List (NDSL)

All ingredients are listed or exempt from listing.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

16 Other information

Key literature references and sources for data

Hazardous Products Regulations (HPR)
SOR/2022-272: Regulations Amending the Hazardous Products Regulations (GHS, Seventh Revised Edition)

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.