

acc. to Hazardous Products Regulations (HPR)

POR-15 RUBBERIZED UNDERCOATING AEROSOL

Version number: GHS 2.0 Revision: 2024-02-15 Replaces version of: 2023-02-13 (GHS 1)

1 Identification

1.1 Product identifier

Trade name POR-15 RUBBERIZED UNDERCOATING AEROSOL

Product code(s) 49308

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

Relevant identified uses Paint

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 cat- egory	Hazard state- ment
2.3	aerosols	1	Aerosol 1	H222,H229
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.5	germ cell mutagenicity	1B	Muta. 1B	H340
3.6	carcinogenicity	1A	Carc. 1A	H350
3.7	reproductive toxicity	2	Repr. 2	H361d
3.7L	effects on or via lactation	L	Lact.	H362
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336
3.9	specific target organ toxicity - repeated exposure	2	STOT RE 2	H373

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.

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Label elements 2.2

Labeling

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08







Extremely flammable aerosol. H222

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H340 May cause genetic defects.

H350 May cause cancer.

H361d Suspected of damaging the unborn child. H362 May cause harm to breast-fed children.

H373 May cause 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe dusts or mists.

P263 Avoid contact during pregnancy and while nursing. 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.

IF ON SKIN: Wash with plenty of water. P302+P352

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

Specific treatment (see on this label). P321

P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

toluene, VM&P Naptha, n-butane, propane

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%.

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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
calcium carbonate	CAS No 471-34-1	30 - < 60	Acute Tox. 4 / H332
toluene	CAS No 108-88-3	10-<30	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 Repr. 2 / H361d STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304
VM&P Naptha	CAS No 64742-89-8	10 - < 30	Flam. Liq. 1 / H224 Muta. 1B / H340 Carc. 1A / H350 Asp. Tox. 1 / H304
talc	CAS No 14807-96-6	5 – < 10	Acute Tox. 4 / H332
propane	CAS No 78-93-3	5-<10	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336
n-butane	CAS No 106-97-8	1-<5	Flam. Gas 1 / H220 Press. Gas C / H280 Muta. 1B / H340 Carc. 1A / H350

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.

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.

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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

Narcotic effects.

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, BC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

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

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.

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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. Use only in well-ventilated areas.

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

- Flammability hazards

Do not spray on an open flame or other ignition source. Protect from sunlight.

- Packaging compatibilities

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

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)

Coun- try	Name of agent	CAS No	Identi- fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Nota- tion	Source
CA	butane	106-97-8	OEL (AB)	1,000							OHS Code
CA	butane	106-97-8	PEV/ VEA	800	1,900						Regula- tion OHS
CA	n-butane	106-97-8	OEL (BC)			1,000				Е	"BC Reg- ulation"
CA	n-butane	106-97-8	OEL (ON- MoL)			1,000				Е	MoL
CA	toluene	108-88-3	OEL (BC)	20							"BC Reg- ulation"
CA	toluene	108-88-3	OEL (ON- MoL)	20							MoL
CA	toluene	108-88-3	PEV/ VEA	20							Regula- tion OHS

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Coun- try	Name of agent	CAS No	Identi- fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Nota- tion	Source
CA	toluene (toluol)	108-88-3	OEL (AB)	50	188					Н	OHS Code
CA	talc	14807-96-6	OEL (BC)		0.1					+asb, fib/cm³, CA-4	"BC Reg- ulation"
CA	talc	14807-96-6	OEL (ON)		2					CA-4, no_asb, fib/cm³	Regula- tion 833
CA	talc	14807-96-6	PEV/ VEA		2					-fib, r, dust, noAsb_l ess1Sil	Regula- tion OHS
CA	talc	14807-96-6	PEV/ VEA		1					fib/cm³	Regula- tion OHS
CA	talc	14807-96-6	OEL (ON- MoL)		2					no_asb, CA-4, fib/cm³	MoL
CA	talc	14807-96-6	OEL (BC)		2					r, noAsb_l ess1Sil	"BC Reg- ulation"
CA	talc	14807-96-6	OEL (ON)		2					r, noAsb_l ess1Sil	Regula- tion 833
CA	talc	14807-96-6	OEL (ON- MoL)		2					r, noAsb_l ess1Sil	MoL
CA	talc	14807-96-6	OEL (AB)		2					r, particle, no_asb	OHS Code
CA	calcium carbonate	471-34-1	PEV/ VEA		10					dust	Regula- tion OHS
CA	Calcium carbonate (Aragonite, Calcite, Marble, Vaterite)	471-34-1	OEL (AB)		10						OHS Code
CA	2-butanone (methyl ethyl ketone)	78-93-3	OEL (AB)	200	590	300	885				OHS Code
CA	methyl ethyl ketone (MEK)	78-93-3	OEL (BC)	50		100					"BC Reg- ulation"
CA	methyl ethyl ketone (MEK)	78-93-3	OEL (ON- MoL)	200		300					MoL
CA	methyl ethyl ketone (MEK)	78-93-3	PEV/ VEA	50	150	100	300				Regula- tion OHS

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Occupational exposure limit values (Workplace Exposure Limits)

Coun- try	Name of agent	CAS No	Identi- fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [mg/m³]	Nota- tion	Source
CA	asphalt (bitumen)	8052-42-4	OEL (BC)		0.5				BSF, i, fa	"BC Reg- ulation"
CA	asphalt (bitumen)	8052-42-4	OEL (AB)		5				fume	OHS Code
CA	asphalt (bitumen)	8052-42-4	OEL (ON- MoL)		0.5				fume, BSF, i	MoL
CA	asphalt (petroleum)	8052-42-4	PEV/ VEA		5				fume	Regula- tion OHS

Notation

+asb containing asbestos fibers -fib containing no fibers BSF benzene-soluble

CA-4

should not exceed 2 mg/m³ respirable particulate mass ceiling value is a limit value above which exposure should not occur Ceiling-C

as dust dust explosive

as fume and aerosol

fib/cm³ fibers/cm³ fume as fume

Н absorbed through the skin inhalable fraction

no_asb containing no asbestos fibers noAsb_less1S contains no asbestos and less than 1% free crystalline silica

particle as airborne particles 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)

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 TWA

Relevant DNELs of components

Relevante Bivees of	Relevant BALLS of components								
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time			
calcium carbonate	471-34-1	DNEL	6.36 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects			
toluene	108-88-3	DNEL	192 mg/m³	human, inhalatory	worker (industry)	chronic - systemic ef- fects			
toluene	108-88-3	DNEL	384 mg/m ³	human, inhalatory	worker (industry)	acute - systemic ef- fects			
toluene	108-88-3	DNEL	192 mg/m³	human, inhalatory	worker (industry)	chronic - local effects			
toluene	108-88-3	DNEL	384 mg/m³	human, inhalatory	worker (industry)	acute - local effects			
toluene	108-88-3	DNEL	384 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic ef- fects			
talc	14807-96-6	DNEL	2.16 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
talc	14807-96-6	DNEL	2.16 mg/m ³	human, inhalatory	worker (industry)	acute - systemic ef- fects
talc	14807-96-6	DNEL	3.6 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
talc	14807-96-6	DNEL	3.6 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
talc	14807-96-6	DNEL	43.2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic ef- fects
propane	78-93-3	DNEL	600 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic ef- fects
propane	78-93-3	DNEL	1,161 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic ef- fects

Relevant PNECs of components

	•					
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
toluene	108-88-3	PNEC	0.68 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
toluene	108-88-3	PNEC	0.68 ^{mg} / _l	aquatic organisms	marine water	short-term (single in- stance)
toluene	108-88-3	PNEC	13.61 ^{mg} / _l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
toluene	108-88-3	PNEC	16.39 ^{mg} / _{kg}	aquatic organisms	freshwater sediment	short-term (single instance)
toluene	108-88-3	PNEC	16.39 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
toluene	108-88-3	PNEC	2.89 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single in- stance)
talc	14807-96-6	PNEC	598 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
talc	14807-96-6	PNEC	141.3 ^{mg} / _l	aquatic organisms	marine water	short-term (single in- stance)
talc	14807-96-6	PNEC	31.33 ^{mg} / _{kg}	aquatic organisms	freshwater sediment	short-term (single instance)
talc	14807-96-6	PNEC	3.13 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single in- stance)
propane	78-93-3	PNEC	55.8 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
propane	78-93-3	PNEC	55.8 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)

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Relevant PNECs of components

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental com- partment	Exposure time
propane	78-93-3	PNEC	709 ^{mg} / _l	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)
propane	78-93-3	PNEC	284.7 ^{mg} / _{kg}	aquatic organisms	freshwater sediment	short-term (single in- stance)
propane	78-93-3	PNEC	284.7 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
propane	78-93-3	PNEC	22.5 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single in- stance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective 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

During spraying wear suitable respiratory equipment.

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, solid, gaseous (spray aerosol)
Color	not determined
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	-161.5 °C at 1,013 hPa

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Flammability	flammable aerosol in accordance with GHS criteria
Lower and upper explosion limit	1.1 vol% - 15 vol%
Flash point	-88.6 °C at 1,013 hPa
Auto-ignition temperature	≥280 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not relevant
Solubility(ies)	not determined
Partition coefficient	
Partition coefficient n-octanol/water (log value)	this information is not available
Vapor pressure	≤240 kPa at 37.8 °C

Density and/or relative density

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

Particle characteristics	not relevant (aerosol)
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9.2 Other information

Information with regard to physical hazard classes

Aerosols

- Components (flammable)	25 %
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Other safety characteristics

Solid content	69 %
Propellant content	2 %

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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.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

10.5 Incompatible materials

Oxidizers

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.

GHS of the United Nations, annex 4: May be harmful if swallowed, in contact with skin or if inhaled.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
calcium carbonate	471-34-1	inhalation: dust/mist	>3 ^{mg} / _l /4h
talc	14807-96-6	inhalation: dust/mist	>2.1 ^{mg} / _l /4h

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

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Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Suspected of damaging the unborn child. May cause harm to breast-fed children.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

12 Ecological information

12.1 Toxicity

Toxic to aquatic life.

Aquatic toxicity (acute) of components

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Name of substance	CAS No	Endpoint	Value	Species	Exposure time
calcium carbonate	471-34-1	EC50	>14 ^{mg} / _l	algae	72 h
toluene	108-88-3	LC50	5.5 ^{mg} / _l	fish	96 h
toluene	108-88-3	EC50	84 ^{mg} / _l	microorganisms	24 h
VM&P Naptha	64742-89-8	LL50	8.2 ^{mg} / _l	fish	96 h
VM&P Naptha	64742-89-8	EL50	4.5 ^{mg} / _l	aquatic invertebrates	48 h
talc	14807-96-6	LC50	89,581 ^{mg} / _l	fish	96 h
talc	14807-96-6	EC50	7,203 ^{mg} / _l	algae	96 h
propane	78-93-3	LC50	2,993 ^{mg} / _l	fish	96 h
propane	78-93-3	EC50	308 ^{mg} / _l	aquatic invertebrates	48 h
propane	78-93-3	ErC50	2,029 ^{mg} / _l	algae	96 h
n-butane	106-97-8	LC50	49.9 ^{mg} / _l	fish	96 h
n-butane	106-97-8	EC50	19.37 ^{mg} / _l	algae	96 h

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

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

UN RTDG	UN 1950
IMDG-Code	UN 1950
ICAO-TI	UN 1950

14.2 UN proper shipping name

UN RTDG	AEROSOLS
IMDG-Code	AEROSOLS

ICAO-TI Aerosols, flammable

14.3 Transport hazard class(es)

UN RTDG	2.1
IMDG-Code	2.1
ICAO-TI	2.1

14.4 Packing group not assigned

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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.

Information for each of the UN Model Regulations

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

UN number 1950
Class 2.1
Danger label(s) 2.1



Special provisions (SP) 63, 190, 277, 327, 344, 381, 959 (UN RTDG)

Excepted quantities (EQ) E0 (UN RTDG)
Limited quantities (LQ) 1 L (UN RTDG)

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant Danger label(s) 2.1



Special provisions (SP) 63, 190, 277, 327, 344, 381, 959

Excepted quantities (EQ) E0
Limited quantities (LQ) 1 L
EmS F-D, S-U

Stowage category -

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

Danger label(s) 2.1



Special provisions (SP) A145, A167

Excepted quantities (EQ) E0
Limited quantities (LQ) 30 kg

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15 Regulatory information

Safety, health and environmental regulations specific for the product in question **National regulations (United States)**

Toxic Substance Control Act (TSCA)

all ingredients are listed (ACTIVE) or exempt from listing

Superfund Amendment and Reauthorization Act (SARA TITLE III)

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

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
toluene	108-88-3		1986-12-31

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)
propane	78-93-3		4	5000 (2270)
toluene	108-88-3		1 2 3 4	1000 (454)

Legend

"1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

2 "2" indicates that the source is section 307(a) of the Clean Water Act

"3" indicates that the source is section 112 of the Clean Air Act

3 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 registra- tion	Basis for listing	Threshold quantity (lbs)
n-butane	106-97-8	Flammable sub- stance	f	10000

Legend

Flammable gas.

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Right to Know Hazardous Substance List

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

Name of substance	CAS No	Functionality	Authoritative Lists
toluene	108-88-3		ATSDR Neurotoxicants CA MCLs CA TACs CDC 4th National Exposure Report CWA 303(c) IRIS Neurotoxicants OEHHA RELs Prop 65
VM&P Naptha	64742-89-8		EC Annex VI CMRs - Cat. 1B
propane	78-93-3		ATSDR Neurotoxicants CA TACs OEHHA RELs
n-butane	106-97-8		EC Annex VI CMRs - Cat. 1A EC Annex VI CMRs - Cat. 1B

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE		De Minimis Concen- tration Threshold
propane	78-93-3			1.0 %
toluene	108-88-3			1.0 %

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
propane	78-93-3	A, N, O	
toluene	108-88-3	A, N, O	skin
n-butane		N	
talc	14807-96-6	A, O	fiber
talc	14807-96-6	A, R, *	fiber

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
- R International Agency for Research on Cancer (IARC) Monographs on the Evaluation of the Carcinogenic Risks to Humans; Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs Volumes 1 to 42, Supplement 7 (1987). Available from: WHO Publications Centre USA
- skin If a potential for absorption from skin contact merits special consideration, the word "skin" follows the substance name.

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- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
propane	78-93-3		F3
toluene	108-88-3		TE F3
n-butane	106-97-8		F4
talc	14807-96-6	containing no asbestos fibers	
talc	14807-96-6	containing asbestos fibers	CA

Legend

CA

Carcinogenic Flammable - Third Degree Flammable - Fourth Degree F3 F4 TE

Teratogenic

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

Name acc. to inventory	CAS No	Classification
2-BUTANONE	78-93-3	Е
BENZENE, METHYL-	108-88-3	E
BUTANE	106-97-8	
TALC (MG3H2(SIO3)4)	14807-96-6	

<u>Lege</u>nd

Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
propane	78-93-3	Т, F
toluene	108-88-3	T, F
toluene	108-88-3	Т, F
toluene	108-88-3	T, F
n-butane	106-97-8	Т, F
talc	14807-96-6	Т

Legend

Flammability (NFPA®) Toxicity (ACGIH®)

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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
toluene	108-88-3		developmental
talc	14807-96-6	containing asbestiform fibers	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	4	material that rapidly or completely vaporizes at atmospheric pressure and normal ambient temperature or that is readily dispersed in air and burn readily
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	4	material that rapidly or completely vaporizes at atmospheric pressure and normal ambient temperature or that is readily dispersed in air and burn readily
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.

Domestic Substances List (DSL)

All ingredients are listed.

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National inventories

Country	Inventory	Status
US	TSCA	all ingredients are listed (ACTIVE)
AU	AIIC	all ingredients are listed
CA	DSL	all ingredients are listed
CN	IECSC	all ingredients are listed
EU	ECSI	all ingredients are listed
EU	REACH Reg.	all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	all ingredients are listed
MX	INSQ	all ingredients are listed
NZ	NZIoC	all ingredients are listed
PH	PICCS	all ingredients are listed
TR	CICR	all ingredients are listed
TW	TCSI	all ingredients are listed

Legend

AIIC Australian Inventory of Industrial Chemicals CICR

Chemical Inventory and Control Regulation List of Existing and New Chemical Substances (CSCL-ENCS) **CSCL-ENCS**

DSL Domestic Substances List (DSL)

ECSI

EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China
National Inventory of Chemical Substances
Inventory of Existing and New Chemical Substances (ISHA-ENCS) **IECSC**

ĪNSQ

ISHA-ENCS

KECI Korea Existing Chemicals Inventory NZIoC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances (PICCS)

REACH registered substances REACH Reg. Taiwan Chemical Substance Inventory TCSI

TSCA **Toxic Substance Control Act**

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).

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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.

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