

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Anaerobic Threadlocker

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

Anaerobic threadlocker based on (meth)acrylates.

1.3. Details of the supplier of the safety data sheet

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 870 129 8608

1.4. Emergency telephone number

+44 (0) 870 202530

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP : Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335; -: EUH208

Most important adverse effects : Contains 1-acetyl-2-phenylhydrazine, n,n-bis-(2-hydroxyethyl)-p-toluidine. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements

Hazard statements : EUH208: Contains 1-acetyl-2-phenylhydrazine, n,n-bis-(2-hydroxyethyl)-p-toluidine. May produce an allergic reaction.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Signal words : Warning

Hazard pictogram(s) : GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements : P261: Avoid breathing vapours.
P302+352: IF ON SKIN: Wash with plenty of water/soap and water.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+313: If skin irritation or rash occurs: Get medical advice/attention.
P362+364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.

2.3. Other hazards

PBT

: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TRIETHYLENEGLYCOL DIMETHACRYLATE - REACH registered number(s): 01-2119969287-21-...

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-652-6	109-16-0	-	Skin Sens. 1B: H317	25-50%

Di-Isopropyl-naphthalene - REACH registered number(s): 01-2119565150-48-...

254-052-6	38640-62-9	-	Asp. Tox. 1: H304; Aquatic Chronic 1: H410	25-50%
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HYDROXYPROPYL METHACRYLATE - REACH registered number(s): 01-2119490226-37-...

248-666-3	27813-02-1	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	5-10%
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CUMENE HYDROPEROXIDE - REACH registered number(s): 01-211947596-19-...

201-254-7	80-15-9	-	Org. Perox. EF: H242; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Skin Corr. B: H314	1-3%
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ACRYLIC ACID

201-177-9	79-10-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400	<1%
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MALEIC ACID

203-742-5	110-16-7	-	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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1-ACETYL-2-PHENYLHYDRAZINE

204-055-3	114-83-0	-	Acute Tox. 3: H301; Skin Irrit. 2: H315; STOT SE 3: H335; Eye Irrit. 2: H319; Skin Sens. 1: H317	<1%
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N,N-BIS-(2-HYDROXYETHYL)-P-TOLUIDINE

N/A	103671-44-9	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Chronic 3: H412	<1%
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N,N-DIMETHYL-P-TOLUIDINE

202-805-4	99-97-8	-	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact : Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water
- Eye contact : Bathe the eye with running water for 15 minutes. Consult a doctor
- Ingestion : Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation : Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact : There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact.
- Eye contact : There may be irritation and redness. The eyes may water profusely.
- Ingestion : There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / Immediate Effects : Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

- Immediate / special treatment : Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

- Extinguishing media : Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Use water spray to cool containers. Do not use water.

5.2. Special hazards arising from the substance or mixture

- Exposure hazards : In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

5.3. Advice for fire-fighters

- Advice for fire-fighters : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Refer to section 8 of SDS for personal protection details. Evacuate the area immediately. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

- Environmental precautions : Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

- Clean-up procedures : Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

- Reference to other sections : Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : *Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s) : No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ACRYLIC ACID

Workplace exposure limits : Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	30 mg/m ³	60 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC : No data available.

8.2. Exposure controls

Engineering measures : Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection : Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection : Neoprene gloves. Nitrile gloves. Do not use PVC gloves, as they absorb (meth) acrylates. Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection : Protective clothing.

Environmental : Ensure all engineering measures mentioned in section 7 of SDS are in place.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State : Liquid
Colour : Pale purple
Odour : Characteristic odour
Evaporation rate : Negligible
Oxidising : Non-oxidising (by EC criteria)
Solubility in water : Insoluble
Also soluble in : Acetone.
Viscosity : Viscous
Kinematic viscosity : ~5,000cPs

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Boiling point/range°C : No data available.
Flammability limits %: lower : Not applicable.
Flash point°C : >100
Autoflammability°C : No data available.
Relative density : ~1.04
VOC g/l : No data available.
Melting point/range°C : No data available.
Upper : Not applicable.
Part.coeff. n-octanol/water : No data available.
Vapour pressure : ~0.1mmHg @20°C
pH : ~5

9.2. Other information

Other information : No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity : Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid : Heat. Direct sunlight. Sources of ignition.

10.5. Incompatible materials

Materials to avoid : Strong oxidising agents. Strong acids. Free-radical initiators. Copper.

10.6. Hazardous decomposition products

Haz. decomp. products : In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DI-ISOPROPYLNAPHTHALENE

ORL	RAT	LD50	3900	mg/kg
HYDROXYPROPYL METHACRYLATE				
ORL	MUS	LD50	7964	mg/kg
CUMENE HYDROPEROXIDE				
ORL	MUS	LDLO	5	gm/kg
ORL	RAT	LD50	382	mg/kg
SCU	RAT	LD50	382	mg/kg
VAPOURS	RAT	4H LC50	220	ppmV

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ACRYLIC ACID				
IPR	RAT	LD50	22	mg/kg
ORL	MUS	LD50	830	mg/kg
ORL	RAT	LD50	1250	mg/kg
SCU	MUS	LD50	1590	mg/kg
MALEIC ACID				
ORL	MUS	LD50	2400	mg/kg
ORL	RAT	LD50	708	mg/kg
1-ACETYL-2-PHENYLHYDRAZINE				
ORL	MUS	LD50	270	mg/kg
N,N-BIS-(2-HYDROXYETHYL)-P-TOLUIDINE				
ORAL	-	OECD No.401	619	mg/kg
N,N-DIMETHYL-P-TOLUIDINE				
IPR	MUS	LD50	212	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact	: There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact.
Eye contact	: There may be irritation and redness. The eyes may water profusely.
Ingestion	: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects	: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:
TRIETHYLENEGLYCOL DIMETHACRYLATE

ALGAE	48H EC50	>100	mg/l
FISH	96H LC50	16.4	mg/l
HYDROXYPROPYL METHACRYLATE			
FISH	96H LC50	>100	mg/l
CUMENE HYDROPEROXIDE			
FISH	96H LC50	3.9	mg/l

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N,N-BIS-(2-HYDROXYETHYL)-P-TOLUIDINE			
ALGAE	48H EC50	>100	mg/l
CRUSTACEA	48H EC50	48	mg/l
FISH	96H LC50	>100	mg/l

12.2. Persistence and degradability

Persistence and degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : No bioaccumulation potential.

12.4. Mobility in soil

Mobility : Non-volatile. Heavier than water.

12.5. Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number : 08 04 09

Disposal of packaging : Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number : UN3082

14.2. UN proper shipping name

Shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(DI-ISOPROPYLNAPHTHALENE)

14.3. Transport hazard class(es)

Transport class : 9

14.4. Packing group

Packing group : III

14.5. Environmental hazards

Environmentally hazardous : Yes

Marine pollutant : No

14.6. Special precautions for user

Special precautions : No special precautions.

Tunnel code : E

Transport category : 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment : A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information : This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3 : EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H226: Flammable liquid and vapour.
H242: Heating may cause a fire.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Part Number

MC001792

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