

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Unipak Wire Pulling Lubricant

Product no.**REACH registration number**

Not applicable

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

Relevant identified uses of the substance or mixture

Lubricant

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Unipak A/S
Marktoften 3C
8464 Galten
Denmark

Tel: +45 8626 1177

E-mail

sales@unipak.dk

SDS date

2020-06-30

SDS Version

2.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)

Not applicable

Signal word

-

Hazard statement(s)

Not applicable

Precautionary statements

General	-
Prevention	-
Response	-
Storage	-
Disposal	-

Identity of the substances primarily responsible for the major health hazards

Not applicable

Additional labelling

Safety data sheet available on request. (EUH210)

2.3. Other hazards

Not applicable

Additional warnings

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
IDENTIFICATION NOS.:	CAS-no: 8042-47-5 EC-no: 232-455-8 REACH-no: 01-2119487078-27
CONTENT:	2,5-10%
CLP CLASSIFICATION:	Asp. Tox. 1 H304
NAME:	2,2,2-nitritotriethanol
IDENTIFICATION NOS.:	CAS-no: 102-71-6 EC-no: 203-049-8 REACH-no: 01-2119486482-31
CONTENT:	1-2,5%
CLP CLASSIFICATION:	NA
NOTE:	O
NAME:	2-phenoxyethanol
IDENTIFICATION NOS.:	CAS-no: 122-99-6 EC-no: 204-589-7 REACH-no: 01-2119488943-21 Index-no: 603-098-00-9
CONTENT:	<1%
CLP CLASSIFICATION:	Acute tox. 4, Eye Irrit. 2 H302, H319

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

O = Organic solvent

Other information

ATEmix(oral) > 2000

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Immediately rinse with soft water jet or eye rinsing liquid. If possible remove any contact lenses and keep eye lids separated. Normally rinsing for less than 5 minutes of is sufficient. In case of persistent symptoms (eg heavy stinging, pain, light sensivity, visual disturbances) continue rinsing and contact/seek doctor/hospital. In case more than 15 minutes of rinsing is required water temperature should be 20 - 30°C.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Nothing special

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

Nothing special
Information to medics
Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Nothing special

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Storage temperature

No data available.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

DNEL / PNEC

DNEL (2,2,2-nitriiotriethanol): 13 mg/kg bw/d

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2,2,2-nitriiotriethanol): 3,1 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2,2,2-nitriiotriethanol): 6,3 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2,2,2-nitriiotriethanol): 1,25 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

According to EC-Regulation 2015/830

DNEL (2,2,2-nitrioltriethanol): 5 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2,2,2-nitrioltriethanol): 5 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - Workers

DNEL (2,2,2-nitrioltriethanol): 1,25 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - General population

DNEL (Distillates (petroleum), hydrotreated middle
Gasoil - unspecified): 160 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Distillates (petroleum), hydrotreated middle
Gasoil - unspecified): 220 mg/kg/d
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - Workers

PNEC (2,2,2-nitrioltriethanol): 0,151 mg/kg dw
Exposure: Soil

PNEC (2,2,2-nitrioltriethanol): 0,032 mg/l
Exposure: Marine water

PNEC (2,2,2-nitrioltriethanol): 0,17 mg/kg dw
Exposure: Marine water sediment

PNEC (2,2,2-nitrioltriethanol): 0,32 mg/l
Exposure: Freshwater

PNEC (2,2,2-nitrioltriethanol): 1,7 mg/kg dw
Exposure: Freshwater sediment

PNEC (2,2,2-nitrioltriethanol): 10 mg/l
Exposure: Sewage Treatment Plant

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, eating and drinking are not allowed in the work premises

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

No specific requirements.

Hand protection

Recommended: Household gloves

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Muddy
Odour	Faint
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm ³)	0,98

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	100-105
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Nothing special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: 2,2,2-nitritotriethanol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 7,39 mg/kg

Substance: 2,2,2-nitritotriethanol
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: > 10000 mg/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

According to EC-Regulation 2015/830

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Nothing special

SECTION 12: Ecological information

12.1. Toxicity

Substance: 2,2,2-nitritotriethanol

Species: Fish

Test: LC50

Duration: 96h

Result: 11800 mg/L

Substance: 2,2,2-nitritotriethanol

Species: Daphnia

Test: EC50

Duration: 24h

Result: 609 mg/L

Substance: 2,2,2-nitritotriethanol

Species: Algae

Test: EC50

Duration: 72h

Result: 512 mg/L

12.2. Persistence and degradability

Substance

2,2,2-nitritotriethanol

Biodegradability

Yes

Test

No data available

Result

No data available

12.3. Bioaccumulative potential

Substance

No data available.

Potential bioaccumulation

LogPow

BCF

12.4. Mobility in soil

2,2,2-nitritotriethanol: Log Koc= -1,74297, Calculated from LogPow ().

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

Nothing special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Waste

EWC code

08 04 99

wastes not otherwise specified

Specific labelling

Not applicable

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

-

Additional information

VOC (volatile organic compound): < 1%.

Seveso

-

Biocidal reg. no.

Not applicable

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

According to EC-Regulation 2015/830

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H319 - Causes serious eye irritation.

The full text of identified uses as mentioned in section 1

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Additional label elements

Not applicable

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.