

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU)  
2015/830 Date of issue: 17-5-2018. Revision date: 17-5-2018. Version: 1.0

**AREOL**  
PREMIUM QUALITY.  
SMART PRICE

## 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

### Product identifier

**Product form:** Mixture

**Trade name:** AREOL Trans Truck 10W-40

**Product code:** AREOL 10W40AR004, 10W40AR005, 10W40AR052, 10W40AR053

**Type of product:** Lubricants

**Product group:** Trade product

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

#### Relevant identified uses

**Main use category:** Industrial use, Professional use, Consumer use

**Use of the substance/mixture:** Engine oil

### Uses advised against

No additional information available

### Details of the supplier of the safety data sheet

ATH&S GmbH

Bronninghauser Str. 33

33729 Bielefeld

Deutschland

[www.areollub.com](http://www.areollub.com)

### Emergency telephone number

**Country Organisation:** United Kingdom

**Company:** National Poisons Information Service  
(Cardiff Centre) Gwenwyn Ward, Llandough Hospital

**Address:** Penarth, CF64 2XX Cardiff

**Emergency number:** 0344 892 0111



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## 2 HAZARDS IDENTIFICATION

**Trade name**  
**Trans Truck 10W-40**

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

**Mixtures/Substances:**

**SDS EU 2015:** According to Regulation (EU) 2015/830 (REACH Annex II)

Not classified

### Adverse physicochemical, human health and environmental effects:

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements:

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**EUH-statements:**

EUH210 - Safety data sheet available on request.

### 2.3. Other hazards:

No additional information available

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Substances:** Not applicable

**Mixtures**

**Comments:** Highly refined mineral oils and additives.

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	(CAS-No.) 68649-42-3 (EC-No.) 272-028-3	0,1-2,5	Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	(CAS-No.) 122384-87-6	0,1-2,5	Aquatic Chronic 4, H413

### Comments:

The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

**Full text of H-statements:** see section 16

**Trade name**  
**Trans Truck 10W-40**

## 4 FIRST AID MEASURES

### 4.1. Description of first aid measures

**First-aid measures general:** If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** Remove person to fresh air and keep comfortable for breathing.

**First-aid measures after skin contact:** Wash skin with plenty of water.

**First-aid measures after eye contact:** Rinse eyes with water as a precaution.

**First-aid measures after ingestion:** Call a poison center or a doctor if you feel unwell. Do not induce vomiting.

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

**Symptoms/effects:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/effects after ingestion:** May result in aspiration into the lungs, causing chemical pneumonia.

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

Treat symptomatically.

## 5 FIREFIGHTING MEASURES

### 5.1. Extinguishing media

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

**Unsuitable extinguishing media:** Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

**Fire hazard:** Combustible liquid.

**Hazardous decomposition products in case of fire:** Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

### 5.3. Advice for firefighters

**Protection during firefighting:**

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**Trade name**  
**Trans Truck 10W-40**

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

**Emergency procedures:** Ventilate spillage area.

**For emergency responders**

**Protective equipment:** Do not attempt to take action without suitable protective equipment.

**For further information refer to section 8:** "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Take up liquid spill into absorbent material.

**Other information:** Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Precautions for safe handling:** Provide good ventilation in process area to prevent formation of vapour.

**Hygiene measures:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** : Keep container closed when not in use.  
Keep in a cool, well-ventilated place away from heat.

**Storage temperature:** 0 - 40 °C

### 7.3. Specific end use(s)

No additional information available

**Trade name**  
**Trans Truck 10W-40**

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

EU	Exposure limits/standards for materials that can be formed when handling this product. When mists/aerosols can occur the following is recommended: 5 mg/m <sup>3</sup> - ACGIH TLV (inhalable fraction).
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### 8.2. Exposure controls

**Appropriate engineering controls:** Ensure good ventilation of the work station.

**Materials for protective clothing:** Wear suitable protective clothing

**Hand protection:** Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	5 (> 240 minutes), 6 (> 480 minutes)	>=0,35	3 (> 0.65)	EN 374

**Eye protection:** Safety glasses

Type	Use	Characteristics	Standard
Safety glasses	Droplet	clear	EN 166

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**



**Environmental exposure controls:**

Avoid release to the environment.

**Trade name**  
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## PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Physical state:** Liquid

**Colour:** Brown

**Odour:** Characteristic

**Odour threshold:** No data available

**pH:** No data available

**Relative evaporation rate (butylacetate=1):** No data available

**Melting point:** Not applicable

**Freezing point:** -39 °C - ASTM D5950 (pour point)

**Boiling point:** No data available

**Flash point:** 222 °C - ASTM D92 (COC)

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Flammability (solid, gas):** Not applicable

**Vapour pressure:** No data available

**Relative vapour density at 20 °C:** No data available

**Relative density:** No data available

**Density:** 0,863 kg/l (15 °C) - ASTM D4052

**Solubility: Water:** Practically not miscible.

**Log Pow:** No data available

**Viscosity, kinematic:** 85,81 mm<sup>2</sup>/s (40 °C) - ASTM D7279

**Viscosity, dynamic:** No data available

**Explosive properties:** Presents no particular fire or explosion hazard.

**Oxidising properties:** No data available

**Explosive limits:** No data available

**9.2. Other information:** VOC content: 0 %

**Trade name**  
**Trans Truck 10W-40**

## 10 PHYSICAL AND CHEMICAL PROPERTIES AND REACTIVITY

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

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** Reacts violently with (strong) oxidizers.

**Conditions to avoid:** None under recommended storage and handling conditions (see section 7).

**Incompatible materials:** No additional information available

**Hazardous decomposition products:** No decomposition if stored normally.

## 11 TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

**Acute toxicity (oral):** Not classified

**Acute toxicity (dermal):** Not classified

**Acute toxicity (inhalation):** Not classified

**Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts (68784-31-6)**

LD50 oral rat

> 3100 mg/kg

LD50 dermal rabbit

> 2000 mg/kg

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitisation:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

**Trans Truck 10W-40**

Viscosity, kinematic

85,81 mm<sup>2</sup>/s (40 °C) - ASTM D7279

**Trade name**  
**Trans Truck 10W-40**

## 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - general:** The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Acute aquatic toxicity:** Not classified

**Chronic aquatic toxicity:** Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods:

*Dispose of contents/container in accordance with licensed collector's sorting instructions.*

### Product/Packaging disposal recommendations:

*Dispose in a safe manner in accordance with local/national regulations.*

### European List of Waste (LoW) code:

*13 02 05\* - mineral-based non-chlorinated engine, gear and lubricating oils*



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## TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

**Trade name**  
**Trans Truck 10W-40**

ADR	IMDG	IATA	AND	RID
UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### Special precautions for user

**Overland transport:** Not applicable

**Transport by sea:** Not applicable

**Air transport:** Not applicable

**Inland waterway transport:** Not applicable

**Rail transport:** Not applicable

**Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable

## 15 REGULATORY INFORMATION

**Trade name**  
**Trans Truck 10W-40**

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

### EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3 (c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts - Phenol, tetrapropylene-, sulfurized, carbonates, calcium salts, overbased

3 (b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

**VOC content:**0 %

Directive 2012/18/EU (SEVESO III)

### National regulations

No additional information available

### Chemical safety assessment

No chemical safety assessment has been carried out

## 16 OTHER INFORMATION

**Trade name**  
**Trans Truck 10W-40**

### Abbreviations and acronyms:

<b>AND</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ATE</b>	Acute Toxicity Estimate
<b>BCF</b>	Bioconcentration factor
<b>CLP</b>	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008)
<b>DMEL</b>	Derived Minimal Effect level
<b>DNEL</b>	Derived-No Effect Level
<b>EC50</b>	Median effective concentration
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>IMDG</b>	International Maritime Dangerous Goods
<b>LC50</b>	Median lethal concentration
<b>LD50</b>	Median lethal dose
<b>LOAEL</b>	Lowest Observed Adverse Effect Level
<b>NOAEC</b>	No-Observed Adverse Effect Concentration
<b>NOAEL</b>	No-Observed Adverse Effect Level
<b>NOEC</b>	No-Observed Effect Concentration
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>PBT</b>	Persistent Bioaccumulative Toxic
<b>PNEC</b>	Predicted No-Effect Concentration
<b>REACH</b>	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
<b>RID</b>	Regulations concerning the International Carriage of Dangerous Goods by Rail
<b>vPvB</b>	Very Persistent and Very Bioaccumulative

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## Full text of H- and EUH-statements:

<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment – Chronic Hazard, Category 2
<b>Aquatic Chronic 4</b>	Hazardous to the aquatic environment – Chronic Hazard, Category 4
<b>Eye Dam. 1</b>	Serious eye damage/eye irritation, Category 1
<b>Skin Irrit. 2</b>	Skin corrosion/irritation, Category 2
<b>H315</b>	Causes skin irritation.
<b>H318</b>	Causes serious eye damage.
<b>H411</b>	Toxic to aquatic life with long lasting effects.
<b>H413</b>	May cause long lasting harmful effects to aquatic life.
<b>EUH210</b>	Safety data sheet available on request.

## SDS EU (REACH Annex II)

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