

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form	: Mixture
Product name	: 4269 - ENGINE OIL SHPD 10W-30
Product code	: 77-4269
Type of product	: Lubricant
Product group	: Engine oil (lubricant)

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category	: Professional use,Industrial use
Industrial/Professional use spec	: For professional use only
Use of the substance/mixture	: This oil should not be used for any other purpose than the intended use without expert advice.
Function or use category	: Lubricants and additives

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Transnational Blenders B.V. (under license of 77 Lubricants)  
Wieldrechtseweg 37  
3316 BG Dordrecht - Netherlands  
T +31 (0)78 652 7652  
[info@tnb.nl](mailto:info@tnb.nl) - [www.tnb.nl](http://www.tnb.nl)

**1.4. Emergency telephone number**

Emergency number	: +31 (0)78 652 7652 Monday to Friday: 09:00 - 16:00 (CET)
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**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

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

EUH-statements	: EUH210 - Safety data sheet available on request EUH208 - Contains Calcium long chain alkaryl sulphonate(722503-69-7). May produce an allergic reaction
Child-resistant fastening	: No
Tactile warning	: No

**2.3. Other hazards**

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.
Other hazards not contributing to the classification	: Flammable liquids. Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis. Spills of this product present a serious slipping hazard.

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

Comments	: Mixture of mineral base oils (PCA-content < 3 % - IP 346) and additives. This product is not considered to be hazardous Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic
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# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic	(CAS No) 64742-54-7 (EC no) 265-157-1 (EC index no) 649-467-00-8	>= 75	Asp. Tox. 1, H304
Mineral oil		5 - 10	Asp. Tox. 1, H304
Polyolefine polyamine succinimide, Polyol		1 - 5	Aquatic Chronic 4, H413
SN 500 substance with a Community workplace exposure limit	(CAS No) 74869-22-0 (EC no) 278-012-2 (EC index no) 649-484-00-0	1 - 5	Not classified
Polyolefine polyamine succinimide	(EC no) POLYMER	1 - 5	Aquatic Chronic 4, H413
Calcium long chain alkaryl sulphonate	(CAS No) 722503-69-7	0,1 - 0,5	Skin Sens. 1, H317 Aquatic Chronic 4, H413

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- 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.

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

- Symptoms/injuries : After adequate first aid, no further treatment is required unless symptoms reappear.  
Symptoms/injuries after inhalation : After adequate first aid, no further treatment is required unless symptoms reappear.  
Symptoms/injuries after skin contact : After adequate first aid, no further treatment is required unless symptoms reappear.  
Symptoms/injuries after eye contact : After adequate first aid, no further treatment is required unless symptoms reappear.  
Symptoms/injuries after ingestion : After adequate first aid, no further treatment is required unless symptoms reappear.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 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.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment : Eliminate all ignition sources if safe to do so.  
Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear suitable protective clothing, gloves and eye/face protection. 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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.  
Storage temperature : 45 °C  
Storage area : Store away from heat. Store in a well-ventilated place.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
EU	IOELV TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Belgium	Limit value (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Mineral oil		
EU	IOELV TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
EU	IOELV STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Belgium	Limit value (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Belgium	Short time value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 Min
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Denmark	Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min)	5 mg/m <sup>3</sup> 8 Hrs
Greece	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Hungary	CK-érték	5 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Latvia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Lithuania	IPRV (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> 8 Hrs
Lithuania	TPRV (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> 15 Min
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Portugal	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Portugal	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Romania	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 Min
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Spain	VLA-ED (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Spain	VLA-EC (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 Min
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Mineral oil		
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
SN 500 (74869-22-0)		
EU	IOELV TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 HRS
EU	IOELV STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 min
Austria	MAK (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Belgium	Limit value (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 HRS
Belgium	Short time value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 MIN
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 HRS
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 HRS
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	1
Denmark	Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Greece	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 hrs
Hungary	AK-érték	< 5 mg/m <sup>3</sup>
Hungary	CK-érték	0 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Italy	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Latvia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Lithuania	IPRV (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> 15 min
Lithuania	TPRV (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> 8 Hrs
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Poland	NDS (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 hrs
Poland	NDSP (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 minutes
Portugal	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Portugal	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Romania	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 min
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 hrs
Spain	VLA-ED (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Spain	VLA-EC (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 15 min
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Australia	TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> 8 Hrs
Canada (Quebec)	VECD (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	>= mg/m <sup>3</sup>
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Personal protective equipment : Gloves. Safety glasses. Protective clothing.

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Characteristics.
Colour	: No data available
Odour	: Characteristics.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: -36 °C
Boiling point	: No data available
Flash point	: > 215 °C
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	: 872,7 kg/m <sup>3</sup> @15°C
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: 78 cSt @40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

Other properties : See Product Data Sheet for detailed information.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

LD50 oral (rat) > 5000 mg/kg

LD50 dermal (rabbit) > 2000 mg/kg

##### Mineral oil

LD50 oral (rat) > 5000 mg/kg

LD50 dermal (rabbit) > 5000 mg/kg

LC50 inhalation (rat) (Vapours - mg/l/4h) > 5000 mg/l/4h

##### SN 500 (74869-22-0)

LD50 oral (rat) 5000 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

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

##### 4269 - ENGINE OIL SHPD 10W-30

Viscosity, kinematic 78 mm<sup>2</sup>/s @40°C

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

EC50 Daphnia 1 10000 mg/l

##### Mineral oil

LC50 fish 1 16 mg/l

LC50 other aquatic organisms 1 0,1 mg/l

##### SN 500 (74869-22-0)

LC50 fish 1 16 mg/l 96 Hrs

#### 12.2. Persistence and degradability

##### Mineral oil

Biodegradation 31 % 28 Days OECD TG 301 B

#### 12.3. Bioaccumulative potential

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Log Kow > 4

#### 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

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### SECTION 14: Transport information

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

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

##### ADN

Transport hazard class(es) (ADN) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

#### 14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

#### 14.6. Special precautions for user

##### - Overland transport

No data available

##### - Transport by sea

No data available

##### - Air transport

No data available

##### - Inland waterway transport

No data available

##### - Rail transport

No data available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

# 4269 - ENGINE OIL SHPD 10W-30

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

### 15.1.2. National regulations

#### Germany

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### Netherlands

Ministry's list of carcinogens : Distillates (petroleum), hydrotreated heavy paraffinic is listed

Ministry's list of mutagens : Distillates (petroleum), hydrotreated heavy paraffinic is listed

NON-exhaustive list of reproductive toxins - Breastfeeding : None of the components are listed

NON-exhaustive list of reproductive toxins - Fertility : None of the components are listed

NON-exhaustive list of reproductive toxins - Evolution : None of the components are listed

#### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Sens. 1	Sensitisation — Skin, Category 1
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H413	May cause long lasting harmful effects to aquatic life
EUH208	Contains . May produce an allergic reaction
EUH210	Safety data sheet available on request

SDS EU (REACH Annex II)

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