



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SDS # : 37579

# TRANSELF NFP 75W-80

Date of the previous version: 2016-12-29

Revision Date: 2017-09-04

Version 5

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

#### 1.1. Product identifier

<b>Product name</b>	<b>TRANSELF NFP 75W-80</b>
<b>Number</b>	NQ8
<b>Substance/mixture</b>	Mixture

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

<b>Identified uses</b>	Transmission fluid.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	TOTAL LUBRIFIANTS 562 Avenue du Parc de L'île 92029 Nanterre Cedex FRANCE Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71
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#### For further information, please contact:

<b>Contact Point</b>	HSE
<b>E-mail Address</b>	rm.msds-lubs@total.com

#### 1.4. Emergency telephone number

Emergency telephone: +44 1235 239670  
 France - ORFILA (INRS) Tél : +33 (0)1 45 42 59 59  
 In France - Poison centers:  
 ANGERS : 02 41 48 21 21  
 BORDEAUX : 05 56 96 40 80  
 LILLE : 08 00 59 59 59  
 LYON : 04 72 11 69 11  
 MARSEILLE : 04 91 75 25 25  
 NANCY : 03 83 22 50 50  
 PARIS : 01 40 05 48 48  
 STRASBOURG : 03 88 37 37 37  
 TOULOUSE : 05 61 77 74 47

### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

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**REGULATION (EC) No 1272/2008**

For the full text of the H-Statements mentioned in this Section, see Section 2.2.

**Classification**

The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008  
 Chronic aquatic toxicity - Category 3 - (H412)

2.2. Label elements

Labelled according to REGULATION (EC) No 1272/2008

**Signal word**

None

**Hazard Statements**

H412 - Harmful to aquatic life with long lasting effects

**Precautionary Statements****P501 - Dispose of contents/ container to an approved waste disposal plant\*\*\***

Contains Polysulfides, di-tert-Bu May produce an allergic reaction

2.3. Other hazards**Physical-Chemical Properties** Contaminated surfaces will be extremely slippery.**Environmental properties** Should not be released into the environment.**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixture\*\*\***Chemical nature**

Mineral oil of petroleum origin.\*\*\*

**Hazardous ingredients**

Chemical Name	EC-No	REACH registration No	CAS-No	Weight %	Classification (Reg. 1272/2008)
Distillates (petroleum), hydrotreated light paraffinic	265-158-7***	01-2119487077-29	64742-55-8	40-<50	Asp. Tox. 1 (H304)
Distillates (petroleum), hydrotreated heavy paraffinic	265-157-1***	01-2119484627-25	64742-54-7	20-<30	Asp. Tox. 1 (H304)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7***	01-2119471299-27	64742-65-0	3-<5	Asp. Tox. 1 (H304)
Polysulfides, di-tert-Bu	273-103-3***	01-2119540515-43	68937-96-2	1-<2.5	Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	276-737-9***	01-2119474878-16	72623-86-0	1-<2.5	Acute M factor = 1 Asp. Tox. 1 (H304)



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Methyl methacrylate	201-297-1***	no data available	80-62-6	0.01-<0.1	STOT SE 3 (H335) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Flam Flam. Liq. 2 (H225)
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**Additional information** Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.

**For the full text of the H-Statements mentioned in this Section, see Section 16.**

**Section 4: FIRST AID MEASURES**4.1. Description of first-aid measures

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

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

<b>Eye contact</b>	Not classified.
<b>Skin contact</b>	Not classified. May produce an allergic reaction. High pressure injection of the products under the skin may have very serious consequences even though no symptom or injury may be apparent.
<b>Inhalation</b>	Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

<b>Notes to physician</b>	Treat symptomatically.
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**Section 5: FIRE-FIGHTING MEASURES**5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ). ABC powder. Foam. Water spray or fog.
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter and spread fire.

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5.2. Special hazards arising from the substance or mixture**Special Hazard**

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Combustion products include sulphur oxides ( SO<sub>2</sub> and SO<sub>3</sub> ) and Hydrogen sulphide H<sub>2</sub>S, Mercaptans, Phosphorous oxides, Zinc oxides.\*\*\*

5.3. Advice for fire-fighters**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

**Other information**

Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: ACCIDENTAL RELEASE MEASURES
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6.1. Personal precautions, protective equipment and emergency procedures**General Information**

Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

6.2. Environmental precautions**General Information**

Do not allow material to contaminate ground water system. Try to prevent the material from entering drains or water courses. Local authorities should be advised if significant spillages cannot be contained.

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

Dam up. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections**Personal Protective Equipment**

See Section 8 for more detail.

**Waste treatment**

See section 13.

Section 7: HANDLING AND STORAGE
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7.1. Precautions for safe handling**Advice on safe handling**

When using, do not eat, drink or smoke. For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing.

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<b>Prevention of fire and explosion</b>	Take precautionary measures against static discharges. Ground/bond containers, tanks and transfer/receiving equipment.
<b>Hygiene measures</b>	Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product contaminated rags into workwear pockets.

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

<b>Technical measures/Storage conditions</b>	Keep away from food, drink and animal feedingstuffs. Keep in a banded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Protect from frost, heat and sunlight. Protect from moisture.
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<b>Materials to Avoid</b>	Strong oxidizing agents.
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## 7.3. Specific end uses

<b>Specific use(s)</b>	No information available.
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## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

<b>Exposure limits</b>	Mineral oil mist: USA: OSHA (PEL) TWA 5 mg/m <sup>3</sup> , NIOSH (REL) TWA 5 mg/m <sup>3</sup> , STEL 10 mg/m <sup>3</sup> , ACGIH (TLV) TWA 5 mg/m <sup>3</sup> (highly refined);
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Chemical Name	European Union
Methyl methacrylate 80-62-6	STEL 100 ppm TWA 50 ppm***

**Legend** See section 16

### DNEL Worker (Industrial/Professional)

Chemical Name	Short term, systemic effects	Short term, local effects	Long term, systemic effects	Long term, local effects
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8				5.4 mg/m <sup>3</sup> /8h (aerosol - inhalation)
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7				5.4 mg/m <sup>3</sup> /8h (aerosol - inhalation)
Distillates (petroleum), solvent-dewaxed heavy paraffinic				5.4 mg/m <sup>3</sup> /8h (aerosol - inhalation)

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64742-65-0				
Polysulfides, di-tert-Bu 68937-96-2			14.5 mg/m <sup>3</sup> inhalation 3.3 mg/kg bw/day dermal	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based 72623-86-0				5.4 mg/m <sup>3</sup> /8h (aerosol - inhalation)
Methyl methacrylate 80-62-6		1.5 mg/cm <sup>2</sup> Dermal	208 mg/m <sup>3</sup> Inhalation 13.67 mg/kg Dermal	208 mg/m <sup>3</sup> Inhalation 1.5 mg/cm <sup>2</sup> Dermal

## DNEL Consumer

Chemical Name	Short term, systemic effects	Short term, local effects	Long term, systemic effects	Long term, local effects
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8				1.2 mg/m <sup>3</sup> /24h (aerosol - inhalation)
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7				1.2 mg/m <sup>3</sup> /24h (aerosol - inhalation)
Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0				1.2 mg/m <sup>3</sup> /24h (aerosol - inhalation)
Polysulfides, di-tert-Bu 68937-96-2			2.6 mg/m <sup>3</sup> inhalation 1.66 mg/kg bw/day dermal	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based 72623-86-0				1.2 mg/m <sup>3</sup> /24h (inhalation -aerosol)
Methyl methacrylate 80-62-6		1.5 mg/cm <sup>2</sup> Dermal	74.3 mg/m <sup>3</sup> Inhalation 8.2 mg/kg Dermal	104 mg/m <sup>3</sup> Inhalation 1.5 mg/cm <sup>2</sup> Dermal

## Predicted No Effect Concentration (PNEC)

Chemical Name	Water	Sediment	Soil	Air	STP	Oral
Polysulfides, di-tert-Bu 68937-96-2	0.00024 mg/l fw 0.000024 mg/l mw 0.0024 mg/l or	7589 mg/kg dw fw 758.9 mg/kg dw mw	1513 mg/kg dw		4.51 mg/l	6.66 mg/kg food
Methyl methacrylate 80-62-6	0.94 mg/l fw 0.94 mg/l mw 0.94 mg/l or	5.74 mg/kg dw fw	1.47 mg/kg dw		10 mg/l	

## 8.2. Exposure controls

### Occupational Exposure Controls

#### Engineering Measures

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

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## Personal Protective Equipment

### General Information

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapour/particulate (EN 14387). Type A/P1. The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.

### Eye Protection

If splashes are likely to occur, wear: Safety glasses with side-shields.

### Skin and body protection

Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing.

### Hand Protection

Hydrocarbon-proof gloves, Nitrile rubber, Fluorinated rubber. In case of prolonged contact with the product, it is recommended to wear gloves complying with EN 420 and EN 374 standards, protecting at least for 480 minutes and having a thickness of 0,38 mm at least. These values are indicative only. The level of protection is provided by the material of the glove, its technical characteristics, its resistance to the chemicals to be handled, the appropriateness of its use and its replacement frequency.

## Environmental exposure controls

### General Information

The product should not be allowed to enter drains, water courses or the soil.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance		limpid	
Color		yellow To amber	
Physical State @20°C		liquid	
Odor		Characteristic	
Odor Threshold		No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH		Not applicable	
Melting point/range		Not applicable	
Boiling point/boiling range		No information available	
Flash point	> 190 °C > 374 °F		Cleveland Open Cup (COC) Cleveland Open Cup (COC)
Evaporation rate		No information available	
Flammability Limits in Air			
upper		No information available	
Lower		No information available	
Vapor Pressure		No information available	
Vapor density		No information available	
Relative density	0.857 - 0.867	@ 15 °C	ISO 12185



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Density	857 - 867 kg/m <sup>3</sup>	@ 15 °C	ISO 12185
Water solubility		Insoluble	
Solubility in other solvents		No information available	
logPow	6		
Autoignition temperature	> 250 °C > 482 °F		ASTM E 659-78 ASTM E 659-78
Decomposition temperature		No information available	
Viscosity, kinematic	34 mm <sup>2</sup> /s	@ 40 °C	ISO 3104
Explosive properties	Not explosive		
Oxidizing Properties	Not applicable		
Possibility of hazardous reactions	None under normal processing		

9.2. Other information**Freezing Point**

No information available

## Section 10: STABILITY AND REACTIVITY

10.1. Reactivity**General Information** No information available.10.2. Chemical stability**Stability** Stable under recommended storage conditions.10.3. Possibility of hazardous reactions**Hazardous Reactions** None under normal processing.10.4. Conditions to avoid**Conditions to avoid** Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.10.5. Incompatible materials**Materials to Avoid** Strong oxidizing agents.10.6. Hazardous Decomposition Products

**Hazardous Decomposition Products** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. Combustion products include sulphur oxides ( SO<sub>2</sub> and SO<sub>3</sub> ) and Hydrogen sulphide H<sub>2</sub>S, Mercaptans, Nitrogen oxides (NO<sub>x</sub>), Phosphorous oxides, Zinc oxides.\*\*\*

## Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Acute toxicity Local effects Product Information**



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<b>Skin contact</b>	. Not classified. May produce an allergic reaction. High pressure injection of the products under the skin may have very serious consequences even though no symptom or injury may be apparent.
<b>Eye contact</b>	. Not classified.
<b>Inhalation</b>	. Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	. Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>ATEmix (oral)</b>	6,736.00 mg/kg
<b>ATEmix (dermal)</b>	6,532.00 mg/kg
<b>ATEmix (inhalation-gas)</b>	> 5,000.00
<b>ATEmix (inhalation-dust/mist)</b>	6.90 mg/l
<b>ATEmix (inhalation-vapor)</b>	> 5,000.00

## Acute toxicity - Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Distillates (petroleum), hydrotreated light paraffinic	LD50 > 5000 mg/kg bw (rat - OECD 420)	LD50 > 5000 mg/kg bw (rabbit - OECD 402)	LC50 (4h) > 5 mg/l (aerosol) (rat - OECD 403)
Distillates (petroleum), hydrotreated heavy paraffinic	LD50 > 5000 mg/kg bw (rat - OECD 420)	LD50 > 5000 mg/kg bw (rabbit - OECD 402)	LC50 (4h) > 5 mg/l (aerosol) (rat - OECD 403)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LD50 > 5000 mg/kg bw (rat - OECD 420)	LD50 > 5000 mg/kg bw (rabbit - OECD 402)	LC50 (4h) > 5.53 mg/l (aerosol) (rat - OECD 403)
Polysulfides, di-tert-Bu	LD50 2000 mg/kg (Rat - OECD 401)	LD50 2000 mg/kg (Rat - OECD 402)	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	LD50 > 5000 mg/kg bw (Rat - OECD TG 401)	LD50 > 2000 mg/kg (Rabbit - OECD 402)	LD50 (4h) > 5.53 mg/l (Rat - OECD 403)
Methyl methacrylate	LD50 > 5000 mg/kg (Rat)	LD50 > 5000 mg/kg (Rabbit)	LD50(4h) 29.8 mg/kg (Rat - Vapour)

## Sensitization

<b>Sensitization</b>	Not classified as a sensitizer. Contains sensitizer(s). May produce an allergic reaction. The supplier of one of the components contained within this formulation has indicated that they have data, which confirms that at the concentration used, no sensitisation classification is required .
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## Specific effects

<b>Carcinogenicity</b>	This product is not classified carcinogenic.
<b>Mutagenicity</b>	This product is not classified as mutagenic.
<b>Reproductive toxicity</b>	This product does not present any known or suspected reproductive hazards.

## Repeated Dose Toxicity

<b>Subchronic toxicity</b>	No information available.
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## Target Organ Effects (STOT)



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**Other information****Other adverse effects**

Characteristic skin lesions (pimples) may develop following prolonged and repeated exposures (contact with contaminated clothing).

**Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

**Acute aquatic toxicity - Product Information**

No information available.

**Acute aquatic toxicity - Component Information**

Chemical Name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Toxicity to microorganisms
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	EL50 (72h) > 100 mg/l (Pseudokirchneriella subcapitata - OCDE 201)	EL50 (48h) > 10000 mg/L (Daphnia magna - OCDE 202)	LL50 (96h) > 100 mg/L (Oncorhynchus mykiss - OCDE 203)	
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7	EL50 (48h) > 100 mg/l (Pseudokirchneriella subcapitata - OECD 201)	EL50 (48h) > 10000 mg/l (Daphnia magna - OECD 202)	LL50 (96h) > 100 mg/l (Oncorhynchus mykiss - OECD 203)	
Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0		EL50 (48h) > 10000 mg/l (Daphnia magna - OECD 202)	LL50 (96h) > 100 mg/l (Oncorhynchus mykiss - OECD 203)	
Polysulfides, di-tert-Bu 68937-96-2	LCr50 (72h) 0.838 mg/l (Pseudokirchneriella subcapitata - OECD 201)	EC50 (48h) 0.24 mg/l (Daphnia magna - OECD 202)	LC50 (96h) > 0.088 mg/l (Danio rerio - OECD 203)	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based 72623-86-0		EL50(48h) >1000 mg/l (OECD TG 202)***	LL50 (96h) > 100 mg/l (OECD TG 203)	
Methyl methacrylate 80-62-6	EC50 (72h) > 110 mg/l (Selenastrum capricornutum)	EC50 (48h) = 69 mg/L Daphnia magna	LC50 (96h) > 79 mg/l (Oncorhynchus mykiss)	

**Chronic aquatic toxicity - Product Information**

No information available.

**Chronic aquatic toxicity - Component Information**

Chemical Name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Toxicity to microorganisms
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8		NOEL (21d) 10 mg/l (Daphnia magna - OCDE 211)	NOEL (14/28d) >1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox)	
Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7		NOEL (21d) 10 mg/l (Daphnia magna - QSAR Petrotox)	NOEL (14/28d) > 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox)	



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Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0		NOEL (21d) 10 mg/l (Daphnia magna - OECD 211)	NOEL (14/28d) > 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox)	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based 72623-86-0		NOEL (21d) = 10 mg/l (OECD TG 202)	NOELR (14d) > 1000 mg/l (QSAR modelled data)	

**Effects on terrestrial organisms**

No information available.

**12.2. Persistence and degradability****General Information**

No information available.

**12.3. Bioaccumulative potential****Product Information**

No information available.\*\*\*

**logPow** 6**Component Information**

Chemical Name	log Pow
Distillates (petroleum), hydrotreated heavy paraffinic - 64742-54-7	-
Polysulfides, di-tert-Bu - 68937-96-2	5.6
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based - 72623-86-0	6.1
Methyl methacrylate - 80-62-6	1.38

**12.4. Mobility in soil****Soil**

Given its physical and chemical characteristics, the product generally shows low soil mobility.

**Air**

Loss by evaporation is limited.

**Water**

The product is insoluble and floats on water.

**12.5. Results of PBT and vPvB assessment****PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects****General Information**

No information available.

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**



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<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. After use, this oil must be sent to a licensed waste oil facility. Incorrect disposal of used oil poses a risk to the environment. Mixture with other waste types such as solvents, brake- and cooling liquids is forbidden.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EWC Waste Disposal No.</b>	EWC Waste Disposal No. 13 02 05. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

<u>ADR/RID</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>ADN</u>	Not regulated

## Section 15: REGULATORY INFORMATION

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

European Union

Further information

No information available

15.2. Chemical Safety Assessment**Chemical Safety Assessment** No information available

## Section 16: OTHER INFORMATION

**Full text of H-Statements referred to under sections 2 and 3**

H225 - Highly flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H317 - May cause an allergic skin reaction  
H315 - Causes skin irritation



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H335 - May cause respiratory irritation  
 H400 - Very toxic to aquatic life  
 H410 - Very toxic to aquatic life with long lasting effects

**Abbreviations, acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists  
 bw = body weight  
 bw/day = body weight/day  
 EC x = Effect Concentration associated with x% response  
 GLP = Good Laboratory Practice  
 IARC = International Agency for Research of Cancer  
 LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one half) of a group of test animals  
 LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals  
 LL = Lethal Loading  
 NIOSH = National Institute of Occupational Safety and Health  
 NOAEL = No Observed Adverse Effect Level  
 NOEC = No Observed Effect Concentration  
 NOEL = No Observed Effect Level  
 OECD = Organization for Economic Co-operation and Development  
 OSHA = Occupational Safety and Health Administration  
 UVCB = Substance of unknown or Variable composition, Complex reaction products or Biological material  
 DNEL = Derived No Effect Level  
 PNEC = Predicted No Effect Concentration  
 dw = dry weight  
 fw = fresh water  
 mw = marine water  
 or = occasional release

**Legend** Section 8

TWA: Time Weight Average  
 STEL: Short Time Exposure Limit  
 PEL: Permissible exposure limit  
 REL: Recommended exposure limit  
 TLV: Threshold Limit Values

+	Sensitizer	*	Skin designation
**	Hazard Designation	C:	Carcinogen
M:	Mutagen	R:	Toxic to reproduction

Revision Date: 2017-09-04  
 Revision Note: \*\*\* Indicates updated section.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.



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**SDS # :** 37579

## **TRANSELF NFP 75W-80**

**Revision Date:** 2017-09-04

**Version** 5

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**End of the Safety Data Sheet**

LUBGES-AI-A00834

## 1. Exposure scenario

### Formulation additives, lubricants and greases, Industrial.

#### Use Descriptor

##### Sector of use

SU10 - Formulation

SU3 - Industrial Manufacturing (all)

#### Process category

PROC1 - Use in closed process, no likelihood of exposure

PROC2 - Use in closed, continuous process with occasional controlled exposure

PROC3 - Use in closed batch process (synthesis or formulation)

PROC4 - Use in batch and other process (synthesis) where opportunity for exposure arises

PROC5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC15 - Use as laboratory reagent

#### Environmental Release Category

ERC2 - Formulation of preparations

#### Specific Environmental Release Category

ATIEL-ATC SpERC 2.Ai-I.v1.

#### Processes, tasks, activities covered

Industrial formulation of lubricant additives, lubricants and greases. Includes material transfers, mixing, large and small scale packing, sampling, maintenance.

## 2. Operational conditions and risk management measures

### 2.1. Control of environmental exposure

#### Amounts used

Production volume in EU (tons/year) : 1.00E+04

Fraction of EU tonnage used in region: 0.1

Fraction of Regional tonnage used locally: 0.1

#### Frequency and duration of use

Emission Days (days/year): 300

#### Environment factors not influenced by risk management

Local freshwater dilution factor: 10

Local marine water dilution factor: 100

#### Other operational conditions of use affecting environmental exposure

Negligible wastewater emissions as process operates without water contact.

Release fraction to air from process (after typical onsite RMMs): 5.00E-05

Release fraction to wastewater from process (after typical onsite RMMs and before (municipal) sewage treatment plant): 2.088E-11

Release fraction to soil from process (after typical onsite RMMs): 0

#### Technical conditions and measures at process level to prevent release

Common practices vary across sites thus conservative process release estimates used.

#### Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil

Prevent discharge of undissolved substance to or recover from onsite wastewater

User sites are assumed to be provided with oil/water separators and for waste water to be discharged via public sewer system

Treat air emission to provide a typical removal efficiency of (%): 70

**Organizational measures to prevent/limit release from the site**

Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.

**Conditions and measures related to municipal sewage treatment plant**

Estimated substance removal from wastewater via domestic sewage treatment (%): 69

Maximum allowable site tonnage (MSafe) based on release following total wastewater treatment removal (kg/d): 276451

Assumed domestic sewage treatment plant flow (m3/d): 2.00E+03

**Conditions and measures related to external treatment of waste for disposal**

External recovery and recycling of waste should comply with applicable local and/or national regulations.

**Conditions and measures related to external recovery of waste**

External recovery and recycling of waste should comply with applicable local and/or national regulations.

## 2.2. Control of exposure - Workers / Consumers

**Product characteristics**

### 2.2a. Control of worker exposure

Contributing Scenarios	Operational conditions and risk management measures
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**Remarks**

No exposure assessment presented for human health.

### 2.2b. Control of consumer exposure

Product Category(ies)	Operational conditions and risk management measures
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**Remarks**

Not applicable.

## 3. Exposure estimation and references

**Health**

The risk Management Measures/Operational Conditions that are identified in the Exposure Scenario are the outcome of a quantitative and qualitative assessment that covers this product

**Environment**

Used ECETOC TRA model.

## 4. Guidance for Downstream User to check compliance with the Exposure scenario

**Health**

Where other Risk Management Measures/Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

**Environment**

Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Further details on scaling and control technologies are provided in SpERC factsheet (<http://cefic.org/en/reach-for-industries-libraries.html>). If scaling reveals a condition of unsafe use (i.e., RCRs > 1), additional RMMs or a site-specific chemical safety assessment is required.

**General**

For further information see [www.atiel.org/reach/introduction](http://www.atiel.org/reach/introduction)



LUBGES-BI-A00834

## 1. Exposure scenario

### General use of lubricants and greases in vehicles or machinery. Industrial.

#### Use Descriptor

##### Sector of use

SU3 - Industrial Manufacturing (all)

#### Process category

PROC1 - Use in closed process, no likelihood of exposure

PROC2 - Use in closed, continuous process with occasional controlled exposure

PROC8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

#### Environmental Release Category

ERC4 - Industrial use of processing aids in processes and products, not becoming part of articles

ERC7 - Industrial use of substances in closed systems

#### Specific Environmental Release Category

ATIEL-ATC SpERC 4.Bi.v1.

#### Processes, tasks, activities covered

Covers general use of lubricants and greases in vehicles or machinery in closed systems. Includes filling and draining of containers and operation of enclosed machinery (including engines) and associated maintenance and storage activities.

## 2. Operational conditions and risk management measures

### 2.1. Control of environmental exposure

#### Amounts used

Production volume in EU (tons/year) : 2.63E+03

Fraction of EU tonnage used in region: 0.1

Fraction of Regional tonnage used locally: 0.1

#### Frequency and duration of use

Emission Days (days/year): 300

#### Environment factors not influenced by risk management

Local freshwater dilution factor: 10

Local marine water dilution factor: 100

#### Other operational conditions of use affecting environmental exposure

Negligible wastewater emissions as process operates without water contact.

Release fraction to air from process (after typical onsite RMMs): 5.00E-05

Release fraction to wastewater from process (after typical onsite RMMs and before (municipal) sewage treatment plant): 2.088E-11

Release fraction to soil from process (after typical onsite RMMs): 0

#### Technical conditions and measures at process level to prevent release

Common practices vary across sites thus conservative process release estimates used.

#### Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil

Prevent discharge of undissolved substance to or recover from onsite wastewater

User sites are assumed to be provided with oil/water separators and for waste water to be discharged via public sewer system

#### Organizational measures to prevent/limit release from the site

Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.

#### Conditions and measures related to municipal sewage treatment plant

Estimated substance removal from wastewater via domestic sewage treatment (%): 69

Maximum allowable site tonnage (MSafe) based on release following total wastewater treatment removal (kg/d): 72739

Assumed domestic sewage treatment plant flow (m3/d): 2000

**Conditions and measures related to external treatment of waste for disposal**

External treatment and disposal of waste should comply with applicable local and/or national regulations.

**Conditions and measures related to external recovery of waste**

External recovery and recycling of waste should comply with applicable local and/or national regulations.

## 2.2. Control of exposure - Workers / Consumers

### Product characteristics

#### 2.2a. Control of worker exposure

Contributing Scenarios	Operational conditions and risk management measures
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**Remarks**

No exposure assessment presented for human health.

#### 2.2b. Control of consumer exposure

Product Category(ies)	Operational conditions and risk management measures
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**Remarks**

Not applicable.

## 3. Exposure estimation and references

### Health

The risk Management Measures/Operational Conditions that are identified in the Exposure Scenario are the outcome of a quantitative and qualitative assessment that covers this product

### Environment

Used ECETOC TRA model.

## 4. Guidance for Downstream User to check compliance with the Exposure scenario

### Health

Where other Risk Management Measures/Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

### Environment

Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Further details on scaling and control technologies are provided in SpERC factsheet (<http://cefic.org/en/reach-for-industries-libraries.html>). If scaling reveals a condition of unsafe use (i.e., RCRs > 1), additional RMMs or a site-specific chemical safety assessment is required.

### General

For further information see [www.atiel.org/reach/introduction](http://www.atiel.org/reach/introduction)

LUBGES-BP-A00834

## 1. Exposure scenario

### General use of lubricants and greases in vehicles or machinery. Professional.

#### Use Descriptor

##### Sector of use

SU22 - Professional uses

#### Process category

PROC1 - Use in closed process, no likelihood of exposure

PROC2 - Use in closed, continuous process with occasional controlled exposure

PROC8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC20 - Heat and pressure transfer fluids in dispersive, professional use but closed systems

#### Environmental Release Category

ERC9a - Wide dispersive indoor use of substances in closed systems

ERC9b - Wide dispersive outdoor use of substances in closed systems

#### Specific Environmental Release Category

ATIEL-ATC SpERC 9.Bp.v1.

#### Processes, tasks, activities covered

Covers general use of lubricants and greases in vehicles or machinery in closed systems. Includes filling and draining of containers and operation of enclosed machinery (including engines) and associated maintenance and storage activities.

## 2. Operational conditions and risk management measures

### 2.1. Control of environmental exposure

#### Amounts used

Production volume in EU (tons/year) : 5.39E+03

Fraction of EU tonnage used in region: 0.1

Fraction of Regional tonnage used locally: 0.1

#### Frequency and duration of use

Emission Days (days/year): 365

#### Environment factors not influenced by risk management

Local freshwater dilution factor: 10

Local marine water dilution factor: 100

#### Other operational conditions of use affecting environmental exposure

Negligible wastewater emissions as process operates without water contact.

Release fraction to air from process (after typical onsite RMMs): 1.00E-04

Release fraction to wastewater from process (after typical onsite RMMs and before (municipal) sewage treatment plant): 5.00E-04

Release fraction to soil from process (after typical onsite RMMs): 1.00E-03

#### Technical conditions and measures at process level to prevent release

Common practices vary across sites thus conservative process release estimates used.

#### Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil

Prevent discharge of undissolved substance to or recover from onsite wastewater

#### Organizational measures to prevent/limit release from the site

Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.

#### Conditions and measures related to municipal sewage treatment plant

Estimated substance removal from wastewater via domestic sewage treatment (%): 69

Maximum allowable site tonnage (MSafe) based on release following total wastewater treatment removal (kg/d): 183

Assumed domestic sewage treatment plant flow (m3/d): 2.00E+03

#### Conditions and measures related to external treatment of waste for disposal

External treatment and disposal of waste should comply with applicable local and/or national regulations.

#### Conditions and measures related to external recovery of waste

External recovery and recycling of waste should comply with applicable local and/or national regulations.

## 2.2. Control of exposure - Workers / Consumers

### Product characteristics

#### 2.2a. Control of worker exposure

Contributing Scenarios	Operational conditions and risk management measures
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#### Remarks

No exposure assessment presented for human health.

#### 2.2b. Control of consumer exposure

Product Category(ies)	Operational conditions and risk management measures
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#### Remarks

Not applicable.

## 3. Exposure estimation and references

### Health

The risk Management Measures/Operational Conditions that are identified in the Exposure Scenario are the outcome of a quantitative and qualitative assessment that covers this product

### Environment

Used ECETOC TRA model.

## 4. Guidance for Downstream User to check compliance with the Exposure scenario

### Health

Where other Risk Management Measures/Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

### Environment

Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Further details on scaling and control technologies are provided in SpERC factsheet (<http://cefic.org/en/reach-for-industries-libraries.html>). If scaling reveals a condition of unsafe use (i.e., RCRs > 1), additional RMMs or a site-specific chemical safety assessment is required.

### General

For further information see [www.atiel.org/reach/introduction](http://www.atiel.org/reach/introduction)