

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 1 of 9

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

21780 - Xtra-SHIFT 236.15 (UFI:WX9X-T1WR-N00S-1FH3)

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

Lubricating agent

**Uses advised against**

No information available.

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

Company name: PROFI-TECH GmbH  
Street: Otto-Lilienthal-Straße 2  
Place: D-88046 Friedrichshafen  
Telephone: 07541 / 40286 - 0  
e-mail: info@profi-tech.com

Telefax: 07541 / 40 286 - 99

**1.4. Emergency telephone number:**

24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)

24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Carcinogenicity: Carc. 2

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May be fatal if swallowed and enters airways.

Suspected of causing cancer.

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic

BIs(nonylphenyl)amine

**Signal word:** Danger**Pictograms:****Hazard statements**

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 2 of 9

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H304-H412

Precautionary statements

P301+P310-P331-P405

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
72623-86-0	Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based			25 - < 43 %
	276-737-9	649-482-00-X	01-2119474878-16	
	Asp. Tox. 1; H304			
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			11 - < 20 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate			0 - < 1,2 %
	406-040-9	607-530-00-7		
	Aquatic Chronic 4; H413			
36878-20-3	Bis(nonylphenyl)amine			0 - < 1,2 %
	253-249-4		01-2119488911-28	
	Carc. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H351 H302 H400 H410			
	Reaction product of alkylthioalcohol and substituted phosphorus compound			0 - 0,24 %
	424-820-7		01-0000017126-75	
	Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1; H312 H314 H400 H410			

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 3 of 9

water and soap.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Observe risk of aspiration if vomiting occurs.

Rinse mouth immediately and drink plenty of water.

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

No information available.

**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**

Use water spray jet to protect personnel and to cool endangered containers.

**Unsuitable extinguishing media**

Full water jet

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

In case of fire may be liberated:

Carbon dioxide (CO<sub>2</sub>).

Carbon monoxide

Nitrogen oxides (NO<sub>x</sub>)

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Preventive skin protection by use of skin-protecting agents is recommended.

Conditions to avoid aerosol or mist formation

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 4 of 9

## Advice on protection against fire and explosion

Fire class B

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

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations.

### Hints on joint storage

No special measures are necessary.

## 7.3. Specific end use(s)

Lubricating agent

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			
Worker DNEL, long-term		inhalation	local	5,4 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	1,2 mg/m <sup>3</sup>
36878-20-3	Bis(nonylphenyl)amine			
Worker DNEL, acute		dermal	systemic	5 mg/kg bw/day

#### PNEC values

CAS No	Substance	Value
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic	
Secondary poisoning		9,33 mg/kg
36878-20-3	Bis(nonylphenyl)amine	
Freshwater		0,1 mg/l
Freshwater (intermittent releases)		1 mg/l
Marine water		0,01 mg/l
Marine water (intermittent releases)		13200 mg/kg
Freshwater sediment		132000 mg/kg
Micro-organisms in sewage treatment plants (STP)		1 mg/l
Soil		263000 mg/kg

### Additional advice on limit values

To date, no national critical limit values exist.

## 8.2. Exposure controls



### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 5 of 9

**Protective and hygiene measures**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

**Eye/face protection**

Wear eye protection/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	blue
Odour:	not determined
pH-Value:	not determined

**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Pour point:	-54 °C
Flash point:	178 °C

**Flammability**

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

**Auto-ignition temperature**

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure: (at 20 °C)	not determined
Density (at 15 °C):	0,846 g/cm <sup>3</sup>
Water solubility:	practically insoluble

**Solubility in other solvents**

not determined

Partition coefficient:	not determined
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# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 21780 - Xtra-SHIFT 236.15

Revision date: 24.06.2020

Page 6 of 9

Viscosity / kinematic: 18,3 mm<sup>2</sup>/s  
(at 40 °C)  
Vapour density: not determined  
Evaporation rate: not determined

### 9.2. Other information

Solid content: not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

Materials to avoid  
Acids  
Oxidising agent  
Reducing agent

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
72623-86-0	Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (4 h) aerosol	LC50 >5.2 mg/l	Ratte		
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic				
	oral	LD50 >5000 mg/kg	Rat	ECHA Dossier	OECD 401
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA Dossier	OECD 402
36878-20-3	Bis(nonylphenyl)amine				
	oral	LD50 >5000 mg/kg	Rat	ECHA Dossier	
	Reaction product of alkylthioalcohol and substituted phosphorus compound				
	dermal	ATE 1100 mg/kg			

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 7 of 9

## Irritation and corrosivity

Based on available data, the classification criteria are not met.

## Sensitising effects

Based on available data, the classification criteria are not met.

## Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Aspiration hazard

May be fatal if swallowed and enters airways. (Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic)

## Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
36878-20-3	Bis(nonylphenyl)amine					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Brachydanio rerio (zebra-fish)	ECHA Dossier
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna (Big water flea)	ECHA Dossier OECD 202

### 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	31%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	2-4%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			
36878-20-3	BIs(nonylphenyl)amine			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	1%	28	
	Not readily biodegradable (according to OECD criteria)			

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 8 of 9

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**21780 - Xtra-SHIFT 236.15**

Revision date: 24.06.2020

Page 9 of 9

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - clearly water contaminating

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,13,15,16.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method
Carc. 2; H351	Calculation method
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*