SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Trade name: ABOil Solar Flare III 5W-30

Product no.: 594315

Version: 1 / FI Rev. 0 Replaces Version: - / FI Date revised: 12.12.2024 Print date: 12.12.2024

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

1.1. Product identifier

ABOil Solar Flare III 5W-30

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

Use of the substance/preparation

Engine oil

1.3. Details of the supplier of the safety data sheet

Address

AB-Handling OY Pajamäentie 2 49460 Hamina FI Telephone no. +358 40 029 0010

E-mail address of info@abhandling.fi person responsible for this SDS

1.4. Emergency telephone number

Poison Information Centre Finland open 24 h daily: (09) 471977

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains C14-16-18 Alkyl phenol, May produce an allergic reaction.

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

Distillates (petroleum), hydrotreated heavy paraffinic CAS No. 64742-54-7 EINECS no. 265-157-1

rade name: ABOil Solar Flare	e III 5W-30				
	Version:	1 / FI F	Rev. 0		Date revised: 12.12.202
Product no.: 594315	Replaces	s Versio	n: -/Fl		Print date: 12.12.202
Registration no. Index no. Concentration Classification (Regul	01-2119484627-25 649-467-00-8 >= 1 ation (EC) No. 1272/2008)	<	10	%	
	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 1272				
Lubricating oils (petr CAS No.	oleum), C20-50, hydrotrea 72623-87-1	ated ne	utral oil	-based	
EINECS no.	276-738-4				
Registration no.	01-2119474889-13				
Index no. Concentration	649-483-00-5 >= 1	<	10	%	
-	ation (EC) No. 1272/2008)				
	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 1272	2/2008,	Annex ∖	/I, Note L	
Lubricating oils (petr CAS No. EINECS no. Registration no.	oleum), C15-30, hydrotrea 72623-86-0 276-737-9 01-2119474878-16	ated ne	utral oil	-based	
Index no.	649-482-00-X				
Concentration	>= 1 ation (EC) No. 1272/2008)	<	10	%	
Classification (Regu	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 127	2/2008,	Annex V	/I, Note L	
	n), solvent-dewaxed heav	/ paraff	inic		
CAS No. EINECS no. Registration no.	64742-65-0 265-169-7 01-2119471299-27				
Index no. Concentration	649-474-00-6 >= 1	<	10	%	
	ation (EC) No. 1272/2008)		10	70	
	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 1272	2/2008,	Annex ∖	/I, Note L	
	um), catalytic dewaxed he	avy			
CAS No. EINECS no.	64742-70-7 265-174-4				
Registration no.	01-2119487080-42				
Index no.	649-477-00-2		4.0	0/	
Concentration Classification (Regul	>= 1 ation (EC) No. 1272/2008)	<	10	%	
	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 1272	2/2008,	Annex ∖	/I, Note L	
	n), solvent-dewaxed light				
CAS No. EINECS no.	64742-56-9 265-159-2				
Registration no.	01-2119480132-48				

rade name: ABOil Solar Flare	III 5W-30				
	Versio	n: 1/FIF	Rev. 0		Date revised: 12.12.202
Product no.: 594315	Replac	ces Versio	n: -/Fl		Print date: 12.12.202
Index no.	649-469-00-9				
Concentration	>= 1	<	10	%	
Classification (Regul	ation (EC) No. 1272/200 Asp. Tox. 1	B) H304			
	7.5p. 107. 1	11004			
Additional remarks: CLP	Regulation (EC) No 12	22/2008	Annov \	/I Noto I	
C14-16-18 Alkyl phen	e ()	272000,	Annex		
EINECS no.	931-468-2				
Registration no.	01-2119498288-19				
Concentration	>= 0,1	<	1	%	
Classification (Regu	ation (EC) No. 1272/200 Skin Sens. 1B	э) H317			
	STOT RE 2	H373			
Further ingredients					
Distillates (petroleum CAS No.), hydrotreated heavy µ 64742-54-7	baraffinic			
EINECS no.	265-157-1				
Registration no.	01-2119484627-25				
Index no.	649-467-00-8				
Concentration [3]	>= 25	<	50	%	
	ation (EC) No. 1272/200	8)			
	-	,			
Additional remarks:					
CLP	Regulation (EC) No 12	272/2008,	Annex \	/I, Note H, L	
	ım), catalytic dewaxed	heavy			
CAS No.	64742-70-7				
EINECS no. Registration no.					
Index no.	649-477-00-2				
Concentration	>= 25	<	50	%	
[3] Classification (Regul	ation (EC) No. 1272/200	8)			
Classification (Regul	-	5)			
Additional remarks:					
CLP	Regulation (EC) No 12	272/2008.	Annex \	/I. Note L	
Note		,		.,	
	ccupational exposure lim	its			
Other information					
DMSO<3% (IP 346)					
SECTION A. Eirot aid					
SECTION 4: First aid	measures				
4.1. Description of first	aid measures				
General information					
In case of persistent	symptoms consult docto	r.			
After inhalation					
Ensure supply of free	hair la tha avant of avan	antomo tol	co modic	al treatment	
After skin contact	sh air. In the event of syn	iptoms tar			

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Trade name: ABOil Solar Flare III 5	N-30	
	Version: 1 / FI Rev. 0	Date revised: 12.12.2024
Product no.: 594315	Replaces Version: - / FI	Print date: 12.12.2024
In case of contact with ski	n wash off with warm water. Consult a doctor if	skin irritation persists.
After eye contact		
Separate eyelids, wash th	e eyes thoroughly with water (15 min.). In case	of irritation consult an oculist.
After ingestion		
	nconscious place in recovery position (on left si I show him the Safety Data Sheet. Do not induc	
Adhere to personal prote First aider: Pay attention to	ctive measures when giving first aid	
4.2. Most important sympto Until now no symptoms kr	oms and effects, both acute and dela own so far.	yed
4.3. Indication of any imme	diate medical attention and special t	reatment needed
Hints for the physician / t Treat symptomatically	•	
Hints for the physician / I In the case of swallowing chemical pneumonia or as	with subsequent vomiting, aspiration of the lung	gs can occur which can lead to

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product. Use personal protective clothing. Ensure adequate ventilation. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Trade name: ABOil Solar Flare III 5W-30

Product no.: 594315

Version: 1 / FI Rev. 0 Replaces Version: - / FI Date revised: 12.12.2024 Print date: 12.12.2024

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

Classification of fires / temperature class / Ignition group / Dust explosion class Classification of fires B (Combustible liquid substances)

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry. Protect from heat and direct sunlight.

7.3. Specific end use(s)

Engine oil

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Maintain air concentrations below occupational exposure standards. There are not known any further control parameters.

Derived No/Minimal Effect Levels (DNEL/DMEL)

Lubricating oils (petroleum), C1	5-30, hydrotreated neutral oil-based	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	5,4	mg/m³
Aerosol. 8h		-
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1,2	mg/m³
Aerosol. 24h		-

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Avoid contact with skin and eyes. Do not inhale vapours. Do not inhale mist. Take off immediately all contaminated clothing. Cloths contaminated with product should not be kept in trouser pockets. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

rade name: ABOil Solar Flare III 5	5W-30				
		on: 1 / FI Rev. 0	Date revis	ed: 12.12.202	
Product no.: 594315	Replaces Version: - / FI			Print date: 12.12.2024	
Respiratory protection	ticholo venovno lf.	verkeless limits are s		a ati a a	
approved for this particul			xceeded, a respiratory prot	ection	
Hand protection	J				
Gloves					
Appropriate Material	neoprene				
Material thickness	0,6	mm			
Breakthrough time	60	min			
Appropriate Material	nitrile				
Material thickness	0,4	mm			
Breakthrough time	480	min			
Appropriate Material	viton				
Material thickness	0,7	mm			
Breakthrough time	480 Butul rubbor	min			
Appropriate Material Material thickness	Butyl rubber	mm			
Breakthrough time	0,7 120	mm min			
Hand protection must co		11111			
Eye protection					
Safety glasses with side	protection snield; Ey	e protection must cor	npiy with EN 166.		
Body protection Clothing as usual in the o CEN standards. SECTION 9: Physical a			hing must comply with the	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic j	nd chemical physical and ch	properties		relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state	nd chemical p	properties		relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour	nd chemical p physical and ch liquid brown	oroperties emical properties		relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour	nd chemical p physical and ch liquid brown characterist	oroperties emical properties		relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of	nd chemical p physical and ch liquid brown characterist	oroperties emical properties	5	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical an 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value	nd chemical p physical and ch liquid brown characterist density 849	oroperties emical properties		relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature	nd chemical p physical and ch liquid brown characterist density 20	oroperties emical properties	5	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method	nd chemical p physical and ch liquid brown characterist density 849	oroperties emical properties	5	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity	nd chemical p physical and ch liquid brown characterist density 20	oroperties emical properties	5	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40	oroperties emical properties	s kg/m³	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40	oroperties emical properties ic °C 52	5	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40	oroperties emical properties ic ^{°C} 52 °C	s kg/m³	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40	oroperties emical properties ic ^{°C} 52 °C	s kg/m³	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40	oroperties emical properties ic ^{°C} 52 °C	s kg/m³	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40	emical properties	s kg/m³	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44	emical properties	s kg/m³ mm²/s	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44 >= 215	emical properties	s kg/m³ mm²/s	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44 >= 215 ISO 2592	emical properties	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44 >= 215 ISO 2592 <= -39	emical properties c ^o C ^o C ^o C ^o C ^o C ^o C	s kg/m³ mm²/s	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44 >= 215 ISO 2592	emical properties c ^o C ^o C ^o C ^o C ^o C ^o C	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method Method Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 40 >= 215 ISO 2592 <= -39 DIN/ISO 30	emical properties c °C 52 °C 5 °C 5 16	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 44 >= 215 ISO 2592 <= -39	emical properties c °C 52 °C 5 °C 5 16	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method Method Method	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 40 >= 215 ISO 2592 <= -39 DIN/ISO 30	emical properties c °C 52 °C 5 °C 5 16	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical at 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method Melting point Remarks	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 40 >= 215 ISO 2592 <= -39 DIN/ISO 30	emical properties emical properties ^o C 52 °C 53 °C 54 °C	s kg/m³ mm²/s °C	relevant	
Clothing as usual in the of CEN standards. SECTION 9: Physical and 9.1. Information on basic p Physical state Colour Odour Density and/or relative of Value Temperature Method Viscosity kinematic Value Temperature Method Flash point Value Method Pourpoint Value Method Method Method Method Method Freezing point	nd chemical p physical and ch liquid brown characterist density 849 20 ASTM D 40 71,7 40 ASTM D 40 >= 215 ISO 2592 <= -39 DIN/ISO 30 not determin not determin	oroperties emical properties ic 52 °C 52 °C 5 16 16 16	s kg/m³ mm²/s °C	relevant	

Page 6(15)

Trade name: ABOil Solar Flare III		
	Version: 1 / FI Rev. 0	Date revised: 12.12.202
Product no.: 594315	Replaces Version: - / FI	Print date: 12.12.202
Flammability		
not determined		
Upper and lower explose	sive limits	
Remarks	not determined	
Boiling point or initial b	poiling point and boiling range not determined	
Auto-ignition temperate	ure	
Remarks	not determined	
Decomposition temperation	ature	
Remarks	not determined	
pH value		
Remarks	Not applicable	
Solubility(ies)		
Remarks	not determined	
Partition coefficient n-c	octanol/water (log value)	
Remarks	not determined	
Vapour pressure		
Remarks	not determined	
Relative vapour density		
Remarks	not determined	
9.2. Other information		
Odour threshold		
Remarks	not determined	
Evaporation rate (ether	r = 1) :	
Remarks	not determined	
Solubility in water		
Remarks	not determined	
Auto-ignition temperate	ure	
Remarks	Not applicable	
Explosive properties		
evaluation	not determined	
Oxidising properties		
Remarks	not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

- **10.3. Possibility of hazardous reactions** Oxidising agents
- 10.4. Conditions to avoid

SAFETY DATA SHEET according t	o Regulation (EC) No. 19	07/2006	
Trade name: ABOil Solar Flare III 5W	/-30		
	Version: 1 / FI	Rev. 0	Date revised: 12.12.2024
Product no.: 594315	Replaces Vers	ion: -/Fl	Print date: 12.12.2024
No hazardous reactions kn	own.		
10.5. Incompatible materials Oxidising agents, Reaction:			
10.6. Hazardous decomposi Possible in traces	tion products		
Other information Relevant information in Sec	otion 2:		
SECTION 11: Toxicologi	cal information		
11.1. Information on hazard		Regulation (FC)	No 1272/2008
Acute oral toxicity			
Remarks	Based on available data	the classification crite	ria are not met
Acute oral toxicity (Comp			
• • •	-		
Paraffin oils (petroleum), ca Species	Rats (male/female)		
LD50	> 5000	mg/kg	
Method	OECD 401		
Remarks	Test conducted with a s	milar formulation.	
Lubricating oils (petroleum), C15-30, hydrotreated n	eutral oil-based	
Species	rat		
LD50 Method	> 5000 OECD 401	mg/kg	
Distillates (petroleum), hyd		^	
Species	rat		
LD50	> 5000	mg/kg	
Method	OECD 401		
Remarks	Test conducted with a s	milar formulation.	
Acute dermal toxicity			
Remarks	Based on available data	, the classification crite	eria are not met.
Acute dermal toxicity (Co	mponents)		
Paraffin oils (petroleum), ca	atalytic dewaxed heavy		
Species	rabbit	"	
LD50 Method	> 5000 OECD 402	mg/kg	
Remarks	Test conducted with a s	milar formulation	
Lubricating oils (petroleum			
Species	rabbit		
LD50	> 2000	mg/kg	
Method	OECD 402		
Distillates (petroleum), hyd		C	
Species LD50	rabbit > 5000	mg/kg	
Method	OECD 402	iiig/kg	
Remarks	Test conducted with a s	milar formulation.	
Acute inhalational toxicity	,		
Remarks	Based on available data	, the classification crite	eria are not met.
Acute inhalative toxicity (
Paraffin oils (petroleum), ca Species			
· ·			

rade name: ABOil Solar Flare III 5	N/ 30				
ade fiame. ADOII Solar Fiare III Su	W-30	Version:	1 / FI Rev. ()	Date revised: 12.12.2
roduct no.: 594315			Version: -/		Print date: 12.12.20
1.052		5 50			
LC50 Duration of exposure	>	5,53 4	h	mg/l	
Administration/Form	Dust/	•			
Method	OEC				
Remarks			th a similar fo		
Lubricating oils (petroleun Species	n), C15-3 rat	0, hydrotrea	ited neutral	oil-based	
LC50	>	5,53		mg/l	
Duration of exposure	_	4	h	0	
Administration/Form	Dust/				
Method Distillates (petroleum), hyd	OECI drotroato		offinio		
Species	rat	u neavy par	amme		
LC50	>	5,53		mg/l	
Duration of exposure		4	h		
Method Remarks	OECI Test (th a similar fo	ormulation	
Skin corrosion/irritation	10011				
Remarks	Base	d on available	e data, the cl	assification crite	ria are not met.
Serious eye damage/irrita					
Remarks		d on available	e data. the cl	assification crite	ria are not met.
Serious eye damage/irrita					
Paraffin oils (petroleum), o evaluation Method	atalytic non-ir OECI	ritant	avy		
Sensitization					
Route of exposure	derma	al			
evaluation Remarks				ersons who are assification crite	
Sensitization (Componen					
Paraffin oils (petroleum), c	-	dowayod ho	2)///		
evaluation		ensitizing	uvy		
Method	OECI				
Remarks			th a similar fo	ormulation.	
Subacute, subchronic, ch		-			
Remarks	not de	etermined			
Mutagenicity	Page	d on ovoilabl	adata tha al	and fination orito	ria ara nat mat
Remarks	Based	a on available	e data, the cl	assification crite	na are not met.
Reproductive toxicity Remarks	Pasa	d on availabl	a data tha al	assification crite	ria ara nat mat
	Dased	u un avaliable			na are not met.
Carcinogenicity Remarks	Base	d on available	a data the cl	assification crite	ria are not met
Specific Target Organ To					na are not met.
Single exposure	•	·			
Remarks	Based	d on available	e data, the cl	assification crite	ria are not met.
Repeated exposure					ria are not met.

rade name: ABOil Solar Flare III	5W-30			
	Ve	ersion: 1 / FI Rev. 0		Date revised: 12.12.202
Product no.: 594315	Re	eplaces Version: -/I	=1	Print date: 12.12.2024
Endocrine disrupting p The product does not co humans.	-			ies with respect to
Ingredient data				
Acute oral toxicity (Con	nponents)			
Paraffin oils (petroleum) Species				
LD50	> 500		mg/kg	
Method	OECD 401			
Remarks	Test condu	cted with a similar fo	rmulation.	
Lubricating oils (petrole Species	rat			
LD50	> 500	00	mg/kg	
Method	OECD 401	.		
Distillates (petroleum), h Species	rat			
LD50 Method	> 500 OECD 401	0	mg/kg	
Remarks		cted with a similar fo	rmulation	
Acute dermal toxicity (
•	- ,			
Paraffin oils (petroleum) Species	rabbit	-		
LD50 Method	> 500 OECD 402	JU	mg/kg	
Remarks		cted with a similar fo	rmulation.	
Lubricating oils (petrole				
Species				
LD50	> 200	00	mg/kg	
Method	OECD 402			
Distillates (petroleum), h	-	avy paraffinic		
Species	rabbit	NO	···· ·· // · ···	
LD50 Method	> 500 OECD 402	JU	mg/kg	
Remarks		cted with a similar fo	rmulation	
Acute inhalative toxicity				
-		•		
Paraffin oils (petroleum) Species	rat rat	xed neavy		
LC50	> 5,5	3	mg/l	
Duration of exposure	4	h	ing/i	
Administration/Form	Dust/Mist			
Method	OECD 403			
Remarks	Test condu	cted with a similar fo	rmulation.	
Lubricating oils (petrole		drotreated neutral o	oil-based	
Species	rat	0	···· ·· //	
LC50 Duration of exposure	> 5,5 4	3 h	mg/l	
Administration/Form Method	Dust/Mist OECD 403	11		
Distillates (petroleum), h		avy paraffinic		
Species	rat			
LC50	> 5,5	3	mg/l	
Duration of exposure	4	h	0	

	ng to Regulation (EC) No. 1907/2006	
Trade name: ABOil Solar Flare II	5W-30	
	Version: 1 / FI Rev. 0	Date revised: 12.12.202
Product no.: 594315	Replaces Version: - / Fl	Print date: 12.12.2024
Method	OECD 403	
Remarks	Test conducted with a similar formulation.	
Serious eye damage/ir	ritation (Components)	
), catalytic dewaxed heavy	
evaluation Method	non-irritant OECD 405	
Sensitization (Compon		
• •), catalytic dewaxed heavy	
evaluation	non-sensitizing	
Method	OECD 406	
Remarks	Test conducted with a similar formulation.	
Other information		
No toxicological data ar	e avallable.	
SECTION 12: Ecologic	al information	
12.1. Toxicity		
General information		
not determined	anta)	
Fish toxicity (Compone	•	
Species), catalytic dewaxed heavy Fathead minnow (Pimephales promelas)	
LL50	> 100 mg/l	
Duration of exposure Method	96 h OECD 203	
Remarks	Test conducted with a similar formulation.	
Lubricating oils (petrole	eum), C15-30, hydrotreated neutral oil-based	
LL50	> 100 mg/l	
Duration of exposure Method	96 h OECD 203	
	eum), C15-30, hydrotreated neutral oil-based	
NOEL	>= 100 mg/l	
Duration of exposure	96 h	
Method	OECD 203	
Species	hydrotreated heavy paraffinic Fathead minnow (Pimephales promelas)	
LL50	> 100 mg/l	
Duration of exposure Method	96 h OECD 203	
Remarks	Test conducted with a similar formulation.	
Distillates (petroleum),	hydrotreated heavy paraffinic	
Species	Fathead minnow (Pimephales promelas)	
NOEL Duration of exposure	>= 100 mg/l 96 h	
Method	OECD 203	
Remarks	Test conducted with a similar formulation.	
Daphnia toxicity (Com	ponents)	
), catalytic dewaxed heavy	
Species EL50	Daphnia magna > 10000 mg/l	
Duration of exposure	48 h	
Method	OECD 202	

rade name: ABOil Solar Flare III 5	N-30			
		: 1 / FI Rev. 0		Date revised: 12.12.202
roduct no.: 594315	Replace	es Version: -/FI		Print date: 12.12.2024
Remarks	Test conducted	with a similar forn	nulation.	
Paraffin oils (petroleum), o				
LL50	> 10000	2	mg/l	
Duration of exposure	96	h		
Method	OECD 202			
Remarks	Test conducted v		nulation.	
Paraffin oils (petroleum), o		eavy		
NOEL	> 10000	L	mg/l	
Duration of exposure	96	h		
Method Remarks	OECD 202	with a similar forn	aulation	
			nulation.	
Paraffin oils (petroleum), o		eavy		
Species NOEL	Daphnia magna 10		ma/l	
Duration of exposure	21	d	mg/l	
Method	OECD 211	u		
Remarks	Test conducted v	with a similar forn	nulation	
Lubricating oils (petroleur				
Species	Daphnia magna	saled neutral on	-Daseu	
NOEL	10		mg/l	
Duration of exposure	21	d		
Method	OECD 211			
Distillates (petroleum), hy	drotreated heavy p	araffinic		
Species	Daphnia magna			
EL50	> 10000		mg/l	
Duration of exposure	48	h	-	
Method	OECD 202			
Remarks	Test conducted v	with a similar forn	nulation.	
Distillates (petroleum), hy	drotreated heavy pa	araffinic		
Species	Daphnia magna			
NOEL	>= 10000		mg/l	
Duration of exposure	48	h		
Method	OECD 202			
Remarks		with a similar forn	nulation.	
Algae toxicity (Compone	nts)			
Paraffin oils (petroleum), o	catalytic dewaxed h	eavy		
Species	Pseudokirchnerie	ella subcapitata		
NOEL	> 100		mg/l	
Duration of exposure	72	h		
Method	OECD 201			
Remarks		with a similar forn		
Lubricating oils (petroleur		eated neutral oil	-based	
Species	Algae			
NOEL	>= 100	h	mg/l	
Duration of exposure Method	72 OECD 201	h		
Distillates (petroleum), hy				
Species NOEL	Pseudokirchnerie	ena subcapitata	ma/l	
-	>= 100 72	h	mg/l	
Duration of exposure Method	OECD 201			

12.2. Persistence and degradability

SAFETY DATA SHEET according	g to Regulation (EC) No. 1907/2006	
Trade name: ABOil Solar Flare III	5W-30	
	Version: 1 / FI Rev. 0	Date revised: 12.12.202
Product no.: 594315	Replaces Version: - / FI	Print date: 12.12.2024
General information		
Biodegradability		
evaluation	not readily degradable	
Biodegradability (Comp	onents)	
Paraffin oils (petroleum), evaluation	catalytic dewaxed heavy not readily degradable	
Lubricating oils (petroleu evaluation	Im), C15-30, hydrotreated neutral oil-based not readily degradable	
12.3. Bioaccumulative pot	tential	
General information not determined		
Partition coefficient n-o	ctanol/water (log value)	
Remarks	not determined	
•	coefficient (log Pow) (Components)	
Distillates (petroleum), h log Pow	ydrotreated heavy paraffinic 3,9 to 6	
12.4. Mobility in soil		
General information not determined		
12.5. Results of PBT and	vPvB assessment	
General information not determined		
Results of PBT and vPv	B assessment	
The product contains no The product contains no		
12.6 Endocrine disrupting	properties	
The product does not co	roperties with respect to the envrionment ntain a substance that has endocrine disrupting p	
non-target organisms.		
12.7. Other adverse effect	S	
General information		
not determined		
General information / ec Do not discharge produc	cology t unmonitored into the environment.	
SECTION 13: Disposal	considerations	
13.1. Waste treatment met	thods	
Disposal recommendati	ons for the product	
	ing to applicable legislation.	ating alla
EWC waste code Allocation of a waste coo	13 02 08* other engine, gear and lubricate le number, according to the European Waste Cat	
	with the regional waste disposal company.	
Disposal recommendati	ons for packaging	

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 Trade name: ABOil Solar Flare III 5W-30 Version: 1 / Fl Rev. 0 Date revised: 12.12.2024 Product no.: 594315 Replaces Version: - / Fl Print date: 12.12.2024 Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company. EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport	The product does not constitute a hazardous substance in sea transport	The product does not constitute a hazardous substance in air transport
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards		no	
	-		-

Information for all modes of transport

14.6. Special precautions for user See Sections 6 to 8

Other information

14.7. Maritime transport in bulk according to IMO instruments Not applicable

SECTION 15: Regulatory information

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

Other information

There is no data available on the product apart from the information given in this subsection.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 3

Asp. Tox. 1	Aspiration hazard, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B

Frade name: ABOil Solar Flare I		_
Draduct no. 504245	Version: 1 / FI Rev. 0	Date revised: 12.12.202
Product no.: 594315	Replaces Version: - / FI	Print date: 12.12.2024
STOT RE 2	Specific target organ toxicity - repeated ex	posure, Category 2
This information is bas	ation npared with the previous version of the safety data sed on our present state of knowledge. However, i cific product properties and shall not establish a le	t should not constitute a