

Trade name: Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Masteroil Add Pro-Tec****UFI:****15RW-1074-4007-ARY4****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Fuel oil additive

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**Masteroil GmbH
Stockholmer Allee 30 b
44269 Dortmund

Telephone no. 0231 444 247 64

e-mail info@masteroil.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+353 1 809 2166 (National Poisons Information Centre)

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

Aquatic Chronic 3; H412

Asp. Tox. 1; H304

STOT RE 2; H373

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)



Trade name: Masteroil Add Pro-Tec

Product no.: 1741

Current version : 1.0.1, issued: 08.05.2024

Replaced version: 1.0.0, issued: 19.12.2022

Region: IE

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statement(s)

H304 May be fatal if swallowed and enters airways.
 H373 May cause damage to organs through prolonged or repeated exposure
 H412 Harmful to aquatic life with long lasting effects.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s)

P260 Do not breathe dust/fume/spray.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331 Do NOT induce vomiting.

UFI:

15RW-1074-4007-ARY4

2.3 Other hazards

PBT assessment
 No data available.

vPvB assessment
 No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
	- 925-653-7 - 01-2119458869-15	EUH066 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 10,00 - < 25,00	wt%
2	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)			
	- 920-360-0 - 01-2119448343-41	Asp. Tox. 1; H304 EUH066	>= 10,00 - < 25,00	wt%
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
	64742-82-1 919-164-8 649-330-00-2 01-2119473977-17	Asp. Tox. 1; H304 Aquatic Chronic 3; H412 EUH066 STOT RE 1; H372	< 5,00	wt%
4	2,6-di-tert-butylphenol			
	128-39-2 204-884-0 - 01-2119490822-33	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Irrit. 2; H315	< 0,50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Route, target organ, concrete effect
----	--------------------------------------

Trade name: Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

3	H372 -; central nervous system; -
---	--------------------------------------

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Do not induce vomiting - aspiration hazard. Rinse the mouth thoroughly with water. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down). Call a doctor immediately and show label or packaging.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Carbon dioxide; Extinguishing powder

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon dioxide (CO₂); Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

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

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

Advice on protection against fire and explosion

When heating the product, explosive vapour-air mixtures can be formed. Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Incompatible products

Do not store together with:

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	2,6-di-tert-butylphenol			128-39-2 204-884-0	
	dermal	Long term (chronic)	systemic	11,25	mg/kg/day
	inhalative	Long term (chronic)	systemic	70,61	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	2,6-di-tert-butylphenol			128-39-2 204-884-0	
	oral	Long term (chronic)	systemic	6,75	mg/kg/day
	dermal	Long term (chronic)	systemic	6,75	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	20,90	mg/m ³

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

1	2,6-di-tert-butylphenol		128-39-2 204-884-0	
	water	fresh water	0,001	mg/L
	water	Aqua intermittent	0,004	mg/L
	water	fresh water sediment	0,317	mg/kg dry weight
	water	marine water	0	mg/L
	water	marine water sediment	0,032	mg/kg dry weight
	soil	-	0,697	mg/kg dry weight
	sewage treatment plant	-	10	mg/L
	secondary poisoning	-	60	mg/kg food

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol, vapour and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
liquid
Colour
Various, depending on coloration
Odour
No data available
pH value
No data available
Boiling point / boiling range
No data available
Melting point/freezing point
No data available
Decomposition temperature

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

No data available

Flash point

No data available

Ignition temperature

No data available

Flammability

No data available

Lower explosion limit

No data available

Upper explosion limit

No data available

Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

No data available

Solubility

No data available

Partition coefficient n-octanol/water (log value)

No data available

Kinematic viscosity

Value	9,4216	mm ² /s
Reference temperature	40	°C
Type	kinematic	

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.



Trade name: Masteroil Add Pro-Tec

Product no.: 1741

Current version : 1.0.1, issued: 08.05.2024

Replaced version: 1.0.0, issued: 19.12.2022

Region: IE

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
LD50	>	4150	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
LD50	>	15000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
3	2,6-di-tert-butylphenol	128-39-2	204-884-0
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA / Read across		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
LC50	>	5,28	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
LC50	>	8,2	mg/l
Duration of exposure		8	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Species	rabbit		
Method	OECD 404		



Trade name: Masteroil Add Pro-Tec

Product no.: 1741

Current version : 1.0.1, issued: 08.05.2024

Replaced version: 1.0.0, issued: 19.12.2022

Region: IE

Source Evaluation	ECHA / Read across non-irritant
Evaluation/classification	Based on available data, the classification criteria are met.
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 64742-82-1 919-164-8
Duration of exposure	4 h
Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	non-irritant
3	2,6-di-tert-butylphenol 128-39-2 204-884-0
Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	irritant
Evaluation/classification	Based on available data, the classification criteria are met.

Serious eye damage/irritation

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Species	rabbit		
Method	OECD 405		
Source	ECHA / Read across		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-corrosive		
3	2,6-di-tert-butylphenol	128-39-2	204-884-0
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Respiratory or skin sensitisation

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA / Read across		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
3	2,6-di-tert-butylphenol	128-39-2	204-884-0
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

Source	ECHA
Evaluation	non-sensitizing
Evaluation/classification	Based on available data, the classification criteria are not met.

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Source		ECHA / Read across	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
Type of examination		in vitro gene mutation study in bacteria	
Species		S. typhimurium TA 1535, TA 1537, TA 98 and TA 100	
Source		ECHA	
Evaluation/classification		negative	

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Source		ECHA / Read across	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
Route of exposure		inhalational	
NOAEC		>=	400 ppm
Duration of exposure		6	h
Species		rat	
Method		OECD 413	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2,6-di-tert-butylphenol	128-39-2	204-884-0
Species		rat	
Method		OECD 421	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Source		ECHA / Read across	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
Route of exposure		inhalational	
Duration of exposure		6	h
Species		rat	
Method		OECD 453	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2,6-di-tert-butylphenol	128-39-2	204-884-0
Species		Salmonella typhimurium	
Method		Ames-Test	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure
No data available

STOT - repeated exposure

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	-	920-360-0
Source		ECHA / Read across	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
Route of exposure		oral	
NOAEL		100	mg/kg bw/d
Duration of exposure		28	day(s)
Species		rat	
Method		OECD-Guideline no. 407	
Source		ECHA	
Evaluation/classification		On the basis of the available information, the classification criteria are not met.	

Aspiration hazard

No data available

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
LL50		10	30
Duration of exposure		96	mg/l h
Species		Oncorhynchus mykiss	
Method		OECD 203	
Source		ECHA	
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
LC50		1,4	mg/l
Duration of exposure		96	h
Species		Pimephales promelas	
Method		OECD 204	
Source		ECHA	

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
EL50		10	22
Duration of exposure		48	mg/l h
Species		Daphnia magna	
Method		OECD 202	
Source		ECHA	
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
EC50		0,45	mg/l
Duration of exposure		48	h
Species		Daphnia magna	



Trade name: Masteroil Add Pro-Tec

Product no.: 1741

Current version : 1.0.1, issued: 08.05.2024

Replaced version: 1.0.0, issued: 19.12.2022

Region: IE

Source	ECHA
--------	------

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
NOEC		0,097	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
NOEC		0,035	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
EC50		0,94	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
EC50		1,2	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	US-EPA		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butylphenol	128-39-2	204-884-0
NOEC		0,64	mg/l
Duration of exposure		96	h
Species	Pseudokirchneriella subcapitata		
Method	EPA OTS 797.1050		
Source	ECHA		

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butylphenol	128-39-2	204-884-0
EC50		>	1000
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-164-8
Type	aerobic biodegradation		
Value		74,7	%
Duration		28	day(s)
Method	OECD 301 F		



Trade name: Masteroil Add Pro-Tec

Product no.: 1741

Current version : 1.0.1, issued: 08.05.2024

Replaced version: 1.0.0, issued: 19.12.2022

Region: IE

Source Evaluation	ECHA readily biodegradable		
2	2,6-di-tert-butylphenol	128-39-2	204-884-0
Type	aerobic biodegradation		
Value	12	- 24	%
Duration		28	day(s)
Method	OECD 302 C		
Source	ECHA		
Evaluation	not inherently biodegradable		

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	No data available.
vPvB assessment	No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6 Special precautions for user

No data available.

**Trade name:** Masteroil Add Pro-Tec**Product no.:** 1741**Current version :** 1.0.1, issued: 08.05.2024**Replaced version:** 1.0.0, issued: 19.12.2022**Region:** IE**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
--	------

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H315	Causes skin irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 791603