

Octopol Bis DMTD

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

1.1 Product identifier

Trade name

Octopol Bis DMTD

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

Relevant identified uses of the substance or mixture

Industrial raw material

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Tiarco Chemical Europe GmbH
Am Gut Baarking 12
46395 Bocholt

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Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 2; H411
Skin Sens. 1; H317

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



GHS07



GHS09

Signal word

Warning

Hazardous component(s) to be indicated on label:

5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione

Hazard statement(s)

H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**Octopol Bis DMTD**P362+P364
P391
P501Take off contaminated clothing and wash it before reuse.
Collect spillage.
Dispose of contents/container to a facility in accordance with local and national regulations.**2.3 Other hazards**PBT assessment
The components of this product are not considered to be a PBT.
vPvB assessment
The components of this product are not considered to be a vPvB.**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	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione		
	72676-55-2 276-763-0 - 01-2120119820-64	Skin Sens. 1; H317 Aquatic Chronic 2; H411	98.00 - 99.00 wt%
2	Distillates (petroleum), hydrotreated light paraffinic		
	64742-55-8 265-158-7 649-468-00-3 01-2119487077-29	Asp. Tox. 1; H304	Contains < 3 % DMSO extract (IP 346). pls. refer to footnote (1) 1.00 - 2.00 wt%

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

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	L	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In case of persisting adverse effects, consult a physician. 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. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. In case of breathing difficulties give oxygen. Call a doctor immediately.

After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Get medical attention if pain still 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). Get medical attention if pain still persists.

After ingestion

Seek medical advice immediately. Rinse the mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed



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No data 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

Alcohol-resistant foam; Extinguishing powder; Water spray jet

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 monoxide (CO); Nitrous oxides (NO_x); Sulphur oxides (S_xO_y)

5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Wear full protective suit. Suppress gases/vapours/mists with water spray jet. Keep away sources of ignition.

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. Ensure adequate ventilation. Avoid dust formation. Keep away from ignition sources. Avoid contact with skin, eyes and clothing.

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.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Avoid raising dust. When collected, handle material as described under the section heading "Disposal considerations". Ensure adequate ventilation.

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Provide eye wash fountain in work area. Do not inhale dust. Have emergency shower available.

Advice on protection against fire and explosion

Take precautionary measures against static charges. 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. Protect from atmospheric moisture and water. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Appropriate Material paper bags

Incompatible products

Do not store together with: strong oxidizing agents; Acids

7.3 Specific end use(s)

No data available.

**Octopol Bis DMTD****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	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione			72676-55-2 276-763-0	
	dermal	Long term (chronic)	systemic	0.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	3.53	mg/m ³
2	Distillates (petroleum), hydrotreated light paraffinic			64742-55-8 265-158-7	
	inhalative	Long term (chronic)	local	5.58	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione			72676-55-2 276-763-0	
	oral	Long term (chronic)	systemic	0.25	mg/kg/day
	dermal	Long term (chronic)	systemic	0.25	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.87	mg/m ³
2	Distillates (petroleum), hydrotreated light paraffinic			64742-55-8 265-158-7	
	oral	Long term (chronic)	systemic	0.74	mg/kg/day
	inhalative	Long term (chronic)	local	1.19	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione		72676-55-2 276-763-0	
	water	fresh water	0.003	mg/L
	water	Aqua intermittent	0.003	mg/L
	water	marine water	0	mg/L
	water	fresh water sediment	0.039	mg/kg dry weight
	water	marine water sediment	0.004	mg/kg dry weight
	soil	-	0.006	mg/kg dry weight
	sewage treatment plant	-	0.31	mg/L
	2	Distillates (petroleum), hydrotreated light paraffinic		64742-55-8 265-158-7
secondary poisoning		-	9.33	mg/kg food

8.2 Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, local exhaust at the work station if necessary.

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 dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

Respiratory filter (part): Staubmaske

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

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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

Do not allow to enter drains or water courses.

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

State of aggregation	
solid	
Form	
Powder	
Colour	
yellow	
Odour	
No data available	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point/freezing point	
Value	164.5 °C
Method	EEC A1
Source	supplier
Decomposition temperature	
No data available	
Flash point	
Not applicable	
Ignition temperature	
No data available	
Explosive properties	
The product does not have explosive properties.	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
Value	4.1 E-5 Pa
Reference temperature	25 °C
Method	EEC A4
Source	supplier
Relative vapour density	
No data available	
Relative density	
No data available	
Density	

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Value	2.01	g/cm ³
Reference temperature	20	°C
Source	supplier	

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
log Pow		1.46	
Reference temperature		25	°C
Method	EU Method A.8		
Source	ECHA		

Kinematic viscosity
No data available

Particle characteristics
No data available

9.2 Other information

Other information
surface tension: 62,28 mN/m (25°C, 322 mg/L)
surface tension: 68,89 mN/m (25°C, 434 mg/L)

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

No data available.

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. Moisture. Protect from sun.

10.5 Incompatible materials

strong oxidizing agents; strong acids

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

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	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 420		
Source	ECHA		
2	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA / Read across		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		

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Source	ECHA
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 265-158-7
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	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	64742-55-8	265-158-7
LC50	>	5.53	mg/l
Duration of exposure		4	h
State of aggregation	mist		
Species	rat		
Method	OECD 403		
Source	ECHA / Read across		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione 72676-55-2	72676-55-2	276-763-0
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	64742-55-8	265-158-7
Species	rabbit		
Method	OECD 406		
Source	ECHA / Read across		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione 72676-55-2	72676-55-2	276-763-0
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	64742-55-8	265-158-7
Species	rabbit		
Method	OECD 405		
Source	ECHA / Read across		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione 72676-55-2	72676-55-2	276-763-0
Route of exposure	Skin		
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	64742-55-8	265-158-7
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA / Read across		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione 72676-55-2	72676-55-2	276-763-0
Type of examination	In vitro mammalian cytogeneticity		
Method	OECD 487		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium / Escherichia coli		
Method	OECD 471		

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Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	oral
Type of examination	Genotoxicity in vivo
Species	rat
Method	OECD 489
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 265-158-7
Source	ECHA / Read across
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
Route of exposure	oral		
Type of examination	Toxicity study		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 265-158-7		
Route of exposure	oral		
Type of examination	Toxicity study		
Species	rat		
Method	OECD 421		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
Route of exposure	dermal		
Type of examination	Toxicity study		
Species	mouse		
Method	OECD 451		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
Route of exposure	oral		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 265-158-7		
Route of exposure	oral		
Species	rat		
Method	OECD 408		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure	dermal		
Species	rabbit		
Method	OECD 410		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure	inhalational		
Species	rat		
Method	OECD 412		
Source	ECHA / Read across		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Aspiration hazard	

**Octopol Bis DMTD**

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	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
LC50	>	454	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
2	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
LC50	>	100	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
EC50		3	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
EC50	>	10000	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
EC50		20	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
Type	aerobic biodegradation		

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Value	0	%
Duration	28	day(s)
Method	OECD 301 B	
Source	ECHA	
Evaluation	not degradable	

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0
log Pow		1.46	
Reference temperature		25	°C
Method		EU Method A.8	
Source		ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

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 into drains or waters and do not dispose of in public landfills.

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 Transport ADR/RID/ADN**

Class	9
Classification code	M7
Packing group	III
Hazard identification no.	90
UN number	UN3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Technical name	Distillates (petroleum), hydrotreated light paraffinic
Tunnel restriction code	-
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

14.2 Transport IMDG

Class	9
Packing group	III
UN number	UN3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Technical name	Distillates (petroleum), hydrotreated light paraffinic
EmS	F-A, S-F
Label	9

**Octopol Bis DMTD**

Marine pollutant mark

Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class	9
Packing group	III
UN number	UN3077
Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Technical name	Distillates (petroleum), hydrotreated light paraffinic
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

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 contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7	75

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

This product is subject to Part I of Annex I, risk category: E2

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

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)

H304

May be fatal if swallowed and enters airways.



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Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

L

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Creation of the safety data sheet

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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.

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