

Trade name: masteroil DPF-Reiniger**Product no.:** 1763**Current version :** 1.0.2, issued: 21.04.2022**Replaced version:** 1.0.0, issued: 21.07.2021**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****masteroil DPF-Reiniger****UFI:****C8V5-V019-300Q-D3P2****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Additive for combustion systems

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 DortmundTelephone 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)**Eye Dam. 1; H318
Skin Corr. 1B; H314
STOT RE 2; H373
STOT SE 3; H335**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**

GHS05



GHS07



GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

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2,2'-iminodiethanol

2-aminoethanol

Hazard statement(s)

H314 Causes severe skin burns and eye damage.
 H335 May cause respiratory irritation.
 H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P260 Do not breathe dust/fume/spray.
 P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/eye protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.

UFI:

C8V5-V019-300Q-D3P2

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	2,2'-iminodiethanol			
	111-42-2 203-868-0 603-071-00-1 01-2119488930-28	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT RE 2; H373	>= 10,00 - < 25,00	wt%
2	2-aminoethanol			
	141-43-5 205-483-3 603-030-00-8 01-2119486455-28	Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335	>= 10,00 - < 25,00	wt%
3	2,2',2''-nitrilotriethanol			
	102-71-6 203-049-8 - 01-2119486482-31	-	>= 10,00 - < 25,00	wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	STOT SE 3; H335: C >= 5%	-	-

Acute toxicity estimate (ATE) values

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No	oral	dermal	inhalative
1	1600 mg/kg bodyweight		
2	1089 mg/kg bodyweight	1100 mg/kg bodyweight	

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. Take medical treatment.

After skin contact

Wash off immediately with soap and water. Call a doctor immediately.

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 immediate ophthalmic treatment.

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. Do not allow run-off from fire fighting to enter drains or water courses.

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.

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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. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

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.

Recommended storage temperature

Value < 50 °C

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. Protect from heat and direct sunlight.

Incompatible products

Do not store together with: Acids; Alkalies; oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	2,2',2"-nitrilotriethanol	102-71-6	203-049-8
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)		
	Triethanolamine		
	WEL long-term (8-hr TWA reference period)	5	mg/m ³
2	2,2'-iminodiethanol	111-42-2	203-868-0
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)		
	Diethanolamine		
	WEL long-term (8-hr TWA reference period)	1 (IFV)	mg/m ³ 0,2 ppm
3	2-aminoethanol	141-43-5	205-483-3
	2006/15/EC		
	2-Aminoethanol		
	WEL short-term (15 min reference period)	7,6	mg/m ³ 3 ppm
	WEL long-term (8-hr TWA reference period)	2,5	mg/m ³ 1 ppm



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Skin resorption / sensibilisation		Skin			
List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)					
2-Aminoethanol					
WEL short-term (15 min reference period)		7,6	mg/m ³	3	ppm
WEL long-term (8-hr TWA reference period)		2,5	mg/m ³	1	ppm
Comments		SK, IOELV			

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	2,2'-iminodiethanol			111-42-2 203-868-0	
	dermal	Long term (chronic)	systemic	0,13	mg/kg/day
	inhalative	Long term (chronic)	systemic	0,75	mg/m ³
	inhalative	Long term (chronic)	local	0,5	mg/m ³
2	2-aminoethanol			141-43-5 205-483-3	
	dermal	Long term (chronic)	systemic	3,0	mg/kg/day
	inhalative	Long term (chronic)	systemic	1,0	mg/m ³
	inhalative	Long term (chronic)	local	0,51	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	2,2'-iminodiethanol			111-42-2 203-868-0	
	oral	Long term (chronic)	systemic	0,06	mg/kg/day
	dermal	Long term (chronic)	systemic	0,07	mg/kg/day
	inhalative	Long term (chronic)	systemic	0,125	mg/m ³
	inhalative	Long term (chronic)	local	0,125	mg/m ³
2	2-aminoethanol			141-43-5 205-483-3	
	oral	Long term (chronic)	systemic	1,5	mg/kg/day
	dermal	Long term (chronic)	systemic	1,5	mg/kg/day
	inhalative	Long term (chronic)	systemic	0,18	mg/m ³
	inhalative	Long term (chronic)	local	0,28	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	2,2'-iminodiethanol		111-42-2 203-868-0	
	water	fresh water	0,021	mg/L
	water	marine water	0,002	mg/L
	water	fresh water sediment	0,092	mg/kg dry weight
	water	marine water sediment	0,009	mg/kg dry weight
	water	Aqua intermittent	0,095	mg/L
	soil	-	1,63	mg/kg dry weight
	sewage treatment plant	-	100	mg/L
	secondary poisoning	-	1,04	mg/kg food
2	2-aminoethanol		141-43-5 205-483-3	
	water	fresh water	0,07	mg/L
	water	marine water	0,007	mg/L

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water	Aqua intermittent	0,028	mg/kg dry weight
water	fresh water sediment	0,357	mg/kg dry weight
water	marine water sediment	0,036	mg/L
soil	-	1,29	mg/kg dry weight
sewage treatment plant	-	100	mg/L

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. combination filter

Respirator EN14387-A

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.

Appropriate Material In case of short-term contact / splash protection: PVC

Material thickness 0,8 mm

Breakthrough time 4 h

Other

Normal chemical work clothing.

Appropriate Material cotton

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	
Form/Colour	
liquid	
Various, depending on coloration	
Odour	
No data available	
pH value	
Value	8,1 - 10,5
Boiling point / boiling range	
Value	> 100 °C
Melting point/freezing point	
No data available	

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Decomposition temperature			
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	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
	log Pow	-2,46	
	Reference temperature	25	°C
	with reference to		
	Method	pH 6,8 - 7,3	
	Source	OECD 107 ECHA	
2	2-aminoethanol	141-43-5	205-483-3
	log Pow	-2,3	
	Reference temperature	25	°C
	Method	OECD 107	
	Source	ECHA	
Kinematic viscosity			
	Value	< 20,5	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.

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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.

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

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	masteroil DPF-Reiniger
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
LD50	appr.	1600	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	2-aminoethanol	141-43-5	205-483-3
LD50		1089	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	masteroil DPF-Reiniger
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	2-aminoethanol	141-43-5	205-483-3
LD50		2504	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
Evaluation/classification	The classification is according to the current version of the harmonized classification found in Annex VI of Regulation EC 1272/2008.		

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Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	masteroil DPF-Reiniger
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).

Acute inhalational toxicity	
No data available	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
2	2-aminoethanol	141-43-5	205-483-3
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	corrosive		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	corrosive		
2	2-aminoethanol	141-43-5	205-483-3
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	corrosive		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
2	2-aminoethanol	141-43-5	205-483-3
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-aminoethanol	141-43-5	205-483-3
Type of examination	in vitro gene mutation study in mammalian cells		
Source	ECHA		

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Evaluation/classification	Based on available data, the classification criteria are not met.
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Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-aminoethanol	141-43-5	205-483-3
Species		rat	
Method		OECD 416	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Source		ECHA	
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	2,2'-iminodiethanol	111-42-2	203-868-0
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are met.	
2	2-aminoethanol	141-43-5	205-483-3
Route of exposure		oral	
NOAEL		300	mg/kg bw/d
Species		rat	
Method		OECD 416	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOEC		10	mg/m ³
Species		rat	
Method		OECD 412	
Source		ECHA	
Evaluation/classification		Based on available data, 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	2,2'-iminodiethanol	111-42-2	203-868-0
LC50		460	mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	

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Source	ECHA		
2	2-aminoethanol	141-43-5	205-483-3
LC50		349	mg/l
Duration of exposure		96	h
Species	Cyprinus carpio		
Method	440/2008/EC C.1.		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	2-aminoethanol	141-43-5	205-483-3
NOEC		1,24	mg/l
Duration of exposure		41	day(s)
Species	Oryzias latipes		
Method	OECD 210		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
EC50		30,1	mg/l
Duration of exposure		48	h
Species	Ceriodaphnia dubia		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
EC10		1,05	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	2,2'-iminodiethanol	111-42-2	203-868-0
ErC50		9,5	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Source	ECHA		

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	2-aminoethanol	141-43-5	205-483-3
EC10		>	1000
Duration of exposure		30	min
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
Type	aerobic biodegradation		
Value		93	%
Duration		28	day(s)

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Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
2	2-aminoethanol	141-43-5	205-483-3
Type	aerobic biodegradation		
Value	>	90	%
Duration		21	day(s)
Method	OECD 301 A		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	2-aminoethanol	141-43-5	205-483-3
BCF		2,3	- 9,2
Method	Calculation model used (Q)SAR		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	2,2'-iminodiethanol	111-42-2	203-868-0
log Pow			-2,46
Reference temperature			25 °C
with reference to	pH 6,8 - 7,3		
Method	OECD 107		
Source	ECHA		
2	2-aminoethanol	141-43-5	205-483-3
log Pow			-2,3
Reference temperature			25 °C
Method	OECD 107		
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	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

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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	8
Classification code	C9
Packing group	III
Hazard identification no.	80
UN number	UN1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Technical name	2-aminoethanol
Tunnel restriction code	E
Label	8

14.2 Transport IMDG

Class	8
Packing group	III
UN number	UN1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Technical name	2-aminoethanol
EmS	F-A, S-B
Label	8

14.3 Transport ICAO-TI / IATA

Class	8
Packing group	III
UN number	UN1760
Proper shipping name	Corrosive liquid, n.o.s.
Technical name	2-aminoethanol
Label	8

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

No data available.

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.

**Trade name:** masteroil DPF-Reiniger**Product no.:** 1763**Current version :** 1.0.2, issued: 21.04.2022**Replaced version:** 1.0.0, issued: 21.07.2021**Region:** IE**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

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	2,2'-iminodiethanol	111-42-2	203-868-0	75
2	2-aminoethanol	141-43-5	205-483-3	75

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)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.

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.

Alterations/supplements:

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

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Prod-ID 778316