

Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023

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

1.1 Product identifier

Trade name : Nobilis EDS, Nobilis REO Inac Formulation

Other means of identification : Nobilis REO inac (A009597)

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

Use of the Sub- stance/Mixture	: Veterinary product
Recommended restrictions on use	: Not applicable

1.3 Details of the supplier of the safety data sheet

Company	:	MSD Walton Manor, Walton MK7 7AJ Milton Keynes - United Kingdom
Telephone	:	+1-908-740-4000
E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters air-
Long-term (chronic) aquatic hazard, Cat-	ways.
egory 4	H413: May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Nobilis EDS, Nobilis REO Inac Formulation

Version 2.0	Revision Date: 04.03.2024	-	SDS Number: 1310251-000	02	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023
Haz	ard pictograms	:			
Sigr	al word	:	Danger		
Haz	ard statements	:	H304 H413		be fatal if swallowed and enters airways. cause long lasting harmful effects to aquatic
Pred	autionary statements	:	Prevention	:	
			P273	Avoid	release to the environment.
			Response: P301 + P31	0 IF	SWALLOWED: Immediately call a POISON
			P331	-	OT induce vomiting.
			Storage:		
			P405	Store	locked up.

Hazardous components which must be listed on the label: Paraffin oil

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
Paraffin oil	8012-95-1	Asp. Tox. 1; H304	>= 30 - < 50
	232-384-2	Aquatic Chronic 4;	
		H413	
Antigen	Not Assigned		>= 10 - < 20
_			

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : In the case of accident or if you feel unwell, seek medical ad-



Version 2.0	Revision Date: 04.03.2024	•	DS Number: 310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023	
			vice immediately. When symptoms advice.	persist or in all cases of doubt seek medical	
Prote	ection of first-aiders	:	and use the recor	ers should pay attention to self-protection, mmended personal protective equipment al for exposure exists (see section 8).	
If inhaled		:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.		
In case of skin contact		:		and soap as a precaution. ation if symptoms occur.	
In ca	ase of eye contact	:	-	vater as a precaution. Ition if irritation develops and persists.	
If sw	allowed	:	If vomiting occurs Call a physician o	NOT induce vomiting. have person lean forward. or poison control centre immediately. ing by mouth to an unconscious person.	

4.2 Most important symptoms and effects, both acute and delayed

Risks	:	May be fatal if swallowed and enters airways.
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing	:	None known.

media

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- : Exposure to combustion products may be a hazard to health. fighting

Hazardous combustion prod- : Carbon oxides ucts

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.



Version 2.0	Revision Date: 04.03.2024	SDS Number: 11310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023		
for fire	fighters	Use personal pro	ptective equipment.		
Specif ods	ic extinguishing meth-	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. aged containers from fire area if it is safe to do		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
6.2 Environmental precautions		
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. If spillage enters rivers or watercourses, inform the Environ- ment Agency (emergency telephone number 0800 807060).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain- ment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor- bent. Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures	: See Engineering measures under EXPOSURE
	CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	: Use only with adequate ventilation.
Advice on safe handling	: Avoid inhalation of vapour or mist.
	: Use only with adequate ventilation.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Nobilis EDS, Nobilis REO Inac Formulation

Vers 2.0	sion	Revision Date: 04.03.2024		DS Number: 310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023
Avoid Avoid Hand pract sess Keep Take envir Hygiene measures : If exp flush place nated The o engir appro indus		Avoid prolonged of Handle in accorda practice, based of sessment Keep container tig Take care to prevent environment. If exposure to che flushing systems place. When usin nated clothing be The effective ope engineering contr appropriate degor industrial hygiene	Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- essment Keep container tightly closed. Take care to prevent spills, waste and minimize release to the		
7.2 (Conditi	ons for safe storage,	inc	luding any incom	patibilities
Requirements for storage areas and containers		:	Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular nation regulations.		
	Advice	on common storage	:	Do not store with Strong oxidizing a Gases	the following product types: agents
739	Snecifi	c end use(s)			
	-	c use(s)	:	No data available	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

().						
Substance name	End Use	Exposure routes	Potential health ef- fects	Value		
Paraffin oil	Workers	Inhalation	Long-term systemic effects	5 mg/m3		
	Workers	Inhalation	Short-term exposure	5 mg/m3		
	Workers	Inhalation	Long-term local ef- fects	5 mg/m3		
	Workers	Inhalation	Acute local effects	5 mg/m3		

Derived No Effect Level (DNEL):

SAFETY DATA SHEET According to REACH Regulation (EC) No 1907/2006, as amended by



UK REACH Regulations SI 2019/758

Nobilis EDS, Nobilis REO Inac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023

8.2 Exposure controls

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices).

Minimize open handling.

Personal protective equipm	ent	
Eye/face protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Hand protection		
Material	:	Chemical-resistant gloves
Remarks Skin and body protection		Consider double gloving. Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Equipment should conform to BS EN 14387
Filter type	:	Combined particulates and organic vapour type (A-P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	Emulsion No data available No data available No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available
range Flash point	:	No data available
Evaporation rate	:	No data available

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Nobilis EDS, Nobilis REO Inac Formulation

Vers 2.0	ion Revision Date: 04.03.2024	SDS Numl 11310251		Date of last issue: 12.12.2023 Date of first issue: 12.12.2023
	Flammability (solid, gas)	: Not ap	plicable	
	Upper explosion limit / Upper flammability limit	: No da	ta available	
	Lower explosion limit / Lower flammability limit	: No da	ta available	
	Vapour pressure	: No da	ta available	
	Relative vapour density	: No da	ta available	
	Relative density	: No da	ta available	
	Density	: No da	ta available	
	Solubility(ies) Water solubility Partition coefficient: n- octanol/water Auto-ignition temperature	: Not ap	ta available oplicable ta available	
	Decomposition temperature	: No da	ta available	
	Viscosity Viscosity, kinematic		ta available	
	Explosive properties	: Not ex	plosive	
	Oxidizing properties	: The s	ubstance or	mixture is not classified as oxidizing.
9.2	Other information Flammability (liquids)	: No da	ta available	
	Molecular weight	: No da	ta available	
	Particle size	: Not ap	plicable	

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Can react with strong oxidizing agents.



/ersion 2.0	Revision Date: 04.03.2024		OS Number: 310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023
0.4 Cond	litions to avoid			
Condi	itions to avoid	:	None known.	
0.5 Incor	npatible materials			
Mater	ials to avoid	:	Oxidizing agen	ts
I0.6 Haza	rdous decompositio	on proe	ducts	
No ha	azardous decomposition	on pro	ducts are known.	
SECTION	I 11: Toxicological	l infor	mation	
1.1 Infor	mation on toxicolog	ical ef	fects	
Inforn	nation on likely routes		Inhalation	
expos	sure		Skin contact	
			Ingestion Eye contact	
Acute	e toxicity			
	assified based on ava	ailable	information.	
<u>Comp</u>	oonents:			
Paraf	fin oil:			
Acute	oral toxicity	:	LD50 (Rat): > 5,	000 mg/kg
Acute	dermal toxicity	:	LD50 (Rabbit): a Assessment: Th toxicity	> 2,000 mg/kg substance or mixture has no acute dermal
Skin	corrosion/irritation			
	assified based on ava	ailable	information.	
<u>Com</u>	oonents:			
Paraf	fin oil:			
Speci	es	:	Rabbit	
Resu		:	No skin irritation	1
Serio	us eye damage/eye	irritati	on	
	assified based on ava			
Com	oonents:			
	fin oil:			
Paraf				
Paraf Speci	es	:	Rabbit	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Nobilis EDS, Nobilis REO Inac Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Paraffin oil:

Species	:	Rat, female
LÖAEL	:	161 mg/kg
Application Route	:	Ingestion
Species LOAEL Application Route Exposure time	:	90 Days

Aspiration toxicity

May be fatal if swallowed and enters airways.

Components:

Paraffin oil:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Paraffin oil:

Toxicity to fish

LL50 (Scophthalmus maximus (turbot)): > 100 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials



Version 2.0	Revision Date: 04.03.2024	-	DS Number: 310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023	
Toxicity to daphnia and other aquatic invertebrates		:	EL50 (Acartia tonsa (Calanoid copepod)): > 100 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials		
Toxic plants	ity to algae/aquatic S	:	Exposure time: 7 Test substance:	ma costatum (marine diatom)): > 100 mg/l 2 h Water Accommodated Fraction on data from similar materials	
			Exposure time: 7 Test substance:	nema costatum (marine diatom)): > 1 mg/l 2 h Water Accommodated Fraction on data from similar materials	
	istence and degradabi	lity			
	ata available				
	ccumulative potential				
	ponents:				
Partit	Paraffin oil: Partition coefficient: n- octanol/water		log Pow: > 4 Remarks: Calculation		
12.4 Mobi	lity in soil				
	ata available				
	ilts of PBT and vPvB a	sse	ssment		
<u>Prod</u> Asse	<u>uct:</u> ssment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of	
12.6 Othe	r adverse effects				
Prod	uct:				
Endo tial	crine disrupting poten-	:	ered to have end	nixture does not contain components consid- ocrine disrupting properties for environment REACH Article 57(f).	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes

:



Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023
Conta	aminated packaging	Waste codes sh discussion with Do not dispose Empty containe dling site for rec	specific, but application specific. nould be assigned by the user, preferably in the waste disposal authorities. of waste into sewer. rs should be taken to an approved waste han- cycling or disposal. specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number				
ADN	:	Not regulated as a dangerous good		
ADR	:	Not regulated as a dangerous good		
RID	:	Not regulated as a dangerous good		
IMDG	:	Not regulated as a dangerous good		
ΙΑΤΑ	:	Not regulated as a dangerous good		
14.2 UN proper shipping name				
ADN	:	Not regulated as a dangerous good		
ADR	:	Not regulated as a dangerous good		
RID	:	Not regulated as a dangerous good		
IMDG	:	Not regulated as a dangerous good		
ΙΑΤΑ	:	Not regulated as a dangerous good		
14.3 Transport hazard class(es)				
ADN	:	Not regulated as a dangerous good		
ADR	:	Not regulated as a dangerous good		
RID	:	Not regulated as a dangerous good		
IMDG	:	Not regulated as a dangerous good		
ΙΑΤΑ	:	Not regulated as a dangerous good		
14.4 Packing group				
ADN	:	Not regulated as a dangerous good		
ADR	:	Not regulated as a dangerous good		
RID	:	Not regulated as a dangerous good		
IMDG	:	Not regulated as a dangerous good		
IATA (Cargo)	:	Not regulated as a dangerous good		
IATA (Passenger)	:	Not regulated as a dangerous good		
14.5 Environmental hazards				

14.5 Environmental hazards

Not regulated as a dangerous good



Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC CodeRemarks: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3 Substance(s) or mixture(s) are listed here according to their appearance in the regulation, irrespective of their use/purpose or the conditions of the
UK REACH List of restrictions (Annex 17)	:	restriction. Please refer to the condi- tions in corresponding Regulation to determine whether an entry is appli- cable to the placing on the market or not. Conditions of restriction for the fol- lowing entries should be considered:
		Formaldehyde (Number on list 72, 28)
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation Control of Major Accident Hazards Regulations 2015 (CC Not applicable	: DMA	Not applicable H)

The components of this product are reported in the following inventories:				
AICS	:	not determined		
DSL	:	not determined		



Version	Revision Date:	SDS Number:	Date of last issue: 12.12.2023
2.0	04.03.2024	11310251-00002	Date of first issue: 12.12.2023

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16	: Other	information
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Other information : Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of H-Statements

H304	:	May be fatal if swallowed and enters airways.
H413	:	May cause long lasting harmful effects to aquatic life.
Full text of other abbreviatio	ns	

Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways: ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association: IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals: OECD - Organization for Economic Co-operation and Development: OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to : Internal technical data, data from raw material SDSs, OECD



Version 2.0	Revision Date: 04.03.2024	SDS Number: 11310251-00002	Date of last issue: 12.12.2023 Date of first issue: 12.12.2023
comp Shee	ile the Safety Data t	eChem Portal so cy, http://echa.e	earch results and European Chemicals Agen- uropa.eu/
Class	sification of the mixtu	ire:	Classification procedure:
Asp.	Tox. 1	H304	Calculation method
Aqua	tic Chronic 4	H413	Calculation method

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

GB / EN