PRODUCT SAFETY DATA SHEET

This generic SDS is provided by MGS Ltd to give information to assist with material handling of the products listed which are conforming to REACH Regulation (EC) 1907/2005 amended by Regulation (EU) 2020/878.

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

1.1 Product Identifier

Product Name:	Drillcote NCS30 ECF
Synonyms / Trade Name:	NCS-30

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

Recommended Use:	Lubrication and additive for drilling
Restriction on Use:	None identified.
Physical Properties:	Grease light brown

1.3 Details of the supplier of the Safety Data Sheet

Name:	MGS Ltd
Address:	Rougham Industrial Estate, Bury St Edmunds, IP30 9ND
Country:	UK
Phone N°:	+44 1359 271167
Email:	info@mgs.co.uk
Website:	www.mgs.co.uk

1.4 Emergency telephone number

Emergency telephone at the company	+44 7738 197 517
Available outside office hours:	Yes
Language of the phone service:	English
E-mail of competent person responsible	darren.portway@mgs.co.uk
National contact:	Darren Portway

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH Statements

EUH210 – Safety data sheet available on request

EUH212 – Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

2.3 Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII.

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII
talc (14807-96-6), Titaniumoxide(TiO2) (13463-67-7), white mineral oil (petroleum) (8042-47-5)	talc (14807-96-6), Titaniumoxide(TiO2) (13463-67-7), white mineral oil (petroleum) (8042-47-5)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

SECTION 3: Composition / Information on Ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Fluorite (CaF2)	CAS-No.: 14542-23-5	25 - 35	Not classified
Calcium Sulfate	CAS-No.: 7778-18-9	5-10	Acute Tox. 4 (oral), H302 Aquatic Chronic 3, H412
Talc	CAS-No.: 14807-96-6 EC-No.: 238-877-9	3-7	Not classified
White Mineral Oil (Petroleum)	CAS-No.: 8042-47-5 EC-No.: 232-455-8	2.8456912	Asp. Tox. 1, H304
Titaniumoxide(TiO2)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-002	1-5	Aquatic Chronic 3, H412
Lubricating oils, petroleum, hydrotreated spent	CAS-No.: 64742-58-1	0.558 – 0.62	Not classified
Distillates, petroleum, hydrotreated heavy naphthenic (Note H) (Note L)	CAS-No.: 64742-52-5 EC-No.: 265-155-0 EC Index-No.: 649-465-00-7		Not classified
Distillates (petroleum), solvent-dewaxed heavy paraffinic (Note H) (Note L)	CAS-No.: 64742-65-0 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6		Not classified

Note H:	The classification and labelling shown for this substance applies to the hazardous property(ies) indicated by the hazard statement(s) in combination with the hazard class(es) and category(ies) shown. The requirements of Article 4 for manufacturers, importers or downstream users of this substance apply to all other hazard classes and categories. For hazard classes where the route of exposure or the nature of the effects leads to a differentiation of the classification of the hazard class, the manufacturer, importer or downstream user is required to consider the routes of exposure or the nature of the effects not already considered.
Note L:	The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide 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), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

Full text of H- and EUH-statements: see section 16

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Skin contact:	Wash skin with plenty of water.
Eye contact:	Rinse eyes with water as a precaution.
Ingestion:	Call a poison centre or a doctor if you feel unwell.
Inhalation:	Remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Water spray. Dry Powder. Foam.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released.

5.3 Advice for fire fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Exercise caution. Area may be slippery. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release into the environment.

6.3 Methods and material for containment and cleaning up

Mechanically recover the product.
Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

SECTION 7: Handling & Storage

7.1 Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment.
Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

No additional information available.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control parameters

8.1.1. National occupational exposure and biological limit values

Fluorite (CaF2) (14542-23-5)

United Kingdom – Occupational Exposure Limits

Local name	**Fluorine**
WEL TAW (OEL TWA)	1.6 mg/m³
	1 ppm
WEL STEL (OEL STEL)	1.6 mg/m³
	1 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

United Kingdom - Occupational Exposure Limits	
Local name	**Talc**
WEL TWA (OEL TWA)	1 mg/m^3 respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Titaniumoxide(TiO2) (13463-67-7)	
United Kingdom - Occupational Exposure Limits	
Local name	Titanium dioxide
WEL TWA (OEL TWA)	4 mg/m³ respirable 10 mg/m³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

No additional information available.

8.1.5. Control banding

No additional information available.

8.2 Exposure Controls

8.2.1. Appropriate engineering controls

Ensure good ventilation of the work station.

8.2.2. Personal protective equipment

8.2.2.1 Eye Protection

Wear eye protection.

8.2.2.2. Skin and Body Protection

Wear suitable protective clothing.

Hand Protection:

Neoprene or nitrile rubber gloves.

Type	**Material**	**Permeation**	**Thickness (mm)**
Disposable gloves	Nitrile rubber (NBR) Neoprene rubber (HNBR)	2 (>30 minutes)	0.3mm – 0.6mm

8.2.2.3. Respiratory Protection

No respiratory protection needed under normal circumstances.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and Chemical Properties	
9.1 Information on basic physical and chemical properties	
Physical state	Solid
Colour	Light brown
Appearance	Grease
Odour	petroleum-like odour
Odour threshold	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flammability	Not available
Explosive limits	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	> 221 °C open cup
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
pH	7
pH solution	Not available
Viscosity, kinematic	> 22 mm^2/s
Solubility	insoluble in water
Partition coefficient n-octanol/water (Log Kow)	Not available Vapour pressure
Vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	Not available
Relative density	Not available
Relative vapour density at 20°C	Not applicable
Particle size	Not available
9.2 Other information	
VOC content <0.1%	
SECTION 10: Stability and Reactivity	
10.1 Reactivity	
The product is non-reactive under normal conditions of use, storage, and transport.	
10.2 Chemical stability	
Stable under normal conditions.	
10.3 Possibility of hazardous reactions	
No dangerous reactions known under normal conditions of use.	
10.4 Conditions to avoid	
None under recommended storage and handling conditions (see section 7).	

10.5 Incompatible materials	
No additional information available.	
10.6 Hazardous decomposition products	
Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
SECTION 11: Toxicological Information	
11.1 Information on toxicological effects	
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Calcium sulfate (77738-18-9	
LD50 oral rat	> 1581 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LC50 Inhalation - Rat	> 3.26 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
talc (14807-96-6)	
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.1 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 15 day(s))
LC50 Inhalation – Rat (Dust/Mist)	> 2.1 mg/l Source: ECHA
Titaniumoxide(TiO2) (13463-67-7)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LC50 Inhalation - Rat	> 6.82 mg/l (Other, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))
LC50 Inhalation – Rat (Dust/Mist)	> 3.43 mg/l Source: ECHA
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
distillates (petroleum), solvent de-waxed heavy paraffinic (64742-65-0)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
White mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Read-across, Oral)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal)
LC50 Inhalation - rat	> 5 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Read-across, Inhalation (aerosol))
Serious eye damage/irritation	Not classified (Based on available data, the classification criteria are not met)

Calcium sulfate (7778-18-9)	
pH	6 – 7.6 (20%)
talc (14807-96-6)	
pH	9
Titaniumoxide(TiO2) (13463-67-7)	
pH	7
Skin corrosion/irritation	Not classified (based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	Not classified (based on available data, the classification criteria are not met)
Germ cell mutagenicity	Not classified (based on available data, the classification criteria are not met)
Carcinogenicity	Not classified (based on available data, the classification criteria are not met)
talc (14807-96-6)	
IARC group	3 – not classifiable
Titaniumoxide(TiO2) (13463-67-7)	
IARC group	2B – Possibly carcinogenic in humans
Calcium sulfate (7778-18-9)	
NOAEL (chronic, oral, animal/male, 2 years)	256 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other: No data, Remarks on results: other: Effect type: carcinogenicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	284 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other: No data, Remarks on results: other: Effect type: carcinogenicity (migrated information)
Reproductive toxicity	Not classified (based on available data, the classification criteria are not met)
STOT single exposure	Not classified (based on available data, the classification criteria are not met)
STOT repeated exposure	Not classified (based on available data, the classification criteria are not met)
Calcium sulfate (7778-18-9)	
LOAEL (oral rat 90 days)	237 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (oral rat 90 days)	79 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)	
LOAEL (oral rat 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
distillates (petroleum), solvent de-waxed heavy paraffinic (64742-65-0)	
LOAEL (oral rat 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEL (oral rat 90 days)	≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
Aspiration hazard	Not classified (based on available data, the classification criteria are not met)
NCS-30 ECF	
Viscosity, kinematic	> 25 mm^2/S
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Viscosity, kinematic	1.99 – 847 mm^2/s Temp.: '40°C' Parameter: 'mm^2/smm2/s '
distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Viscosity, kinematic	1.99 – 847 mm^2/s Temp.: '40°C' Parameter: 'mm^2/smm2/s '

White mineral oil (petroleum) (8042-47-5)	
Viscosity, kinematic	> 3 mm²/s (40 °C, ISO 3104: Determination of kinematic viscosity and calculation of dynamic viscosity)
11.2 Information on other hazards	
No additional information available.	
SECTION 12: Ecological Information	
12.1 Toxicity	
Ecology – general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to aquatic environment, short-term (acute)	Not classified.
Hazardous to aquatic environment, long-term (chronic)	Not classified.
Fluorite (CaF2) (14542-23-5)	
EC50 96h - Algae [1]	7444 mg/l Source: ECOSAR
Calcium sulfate (7778-18-9)	
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oryzias latipes
EC50 72h - Algae [1]	> 79 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	3200 mg/l Source: ECOTOX
Talc (14807-96-6)	
LC50 - Fish [1]	89581 mg/l (ECOSAR v1.00, 96 h, Pisces, Fresh water, QSAR)
EC50 96h - Algae [1]	7203 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)
Titaniumoxide(TiO2) (13463-67-7)	
LC50 - Fish [1]	155 mg/l Test organisms (species): other:Japanese Medaka
EC50 - Crustacea [1]	19.3 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	27.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
ErC50 algae	61 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
NOEC (chronic)	≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
White mineral oil (petroleum) (8042-47-5)	
LC50 – Fish [1]	> 100 mg/l
12.2 Persistence and degradability	
NCS-30	
Persistence and degradability	Not rapidly degradable
Fluorite (CaF2) (14542-23-5)	
Persistence and degradability	Not rapidly degradable
Calcium sulfate (7778-18-9)	
Persistence and degradability	Not rapidly degradable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Talc (14807-96-6)	
Persistence and degradability	Biodegradability in soil: not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Titaniumoxide(TiO2) (13463-67-7)	
Chemical oxygen demand (COD)	Not rapidly degradable
ThOD	Not applicable
Lubricating oils, petroleum, hydrotreated spent (64742-58-1)	
Persistence and degradability	Not rapidly degradable
Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)	
Persistence and degradability	Not rapidly degradable
Distillates (petroleum), solvent de-waxed heavy paraffinic (64742-65-0)	
Persistence and degradability	Biodegradability in water : no data available
White mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Not rapidly degradable
12.3. Bioaccumulative Potential	
Calcium sulfate (7778-18-9)	
Bioaccumulative potential	No bioaccumulation data available
talc (14807-96-6)	
BCF – Other aquatic organisms [1]	3.162 l/kg (BCFBAF v3.01, Fresh water, QSAR)
Partition coefficient n-octanol/water (Log Pow)	-9.4 (QSAR, KOWWIN, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Titaniumoxide(TiO2) (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative
Distillates (petroleum), solvent de-waxed heavy paraffinic (64742-65-0)	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 (calculated value)
White mineral oil (petroleum) (8042-47-5)	
Partition coefficient n-octanol/water (Log Pow)	> 6 (calculated value)
12.4 Mobility in soil	
talc (14807-96-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.5 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Titaniumoxide(TiO2) (13463-67-7)	
Ecology - soil	Low potential for mobility in soil.
White mineral oil (petroleum) (8042-47-5)	
Ecology - soil	Low potential for mobility in soil.

12.5 Results of PBT and vPvB assessment	
Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	talc (14807-96-6), Titaniumoxide(TiO2) (13463-67-7), white mineral oil (petroleum) (8042-47-5)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	talc (14807-96-6), Titaniumoxide(TiO2) (13463-67-7), white mineral oil (petroleum) (8042-47-5)

12.6 Endocrine disrupting properties

No other information available.

12.7 Other adverse effects

No other information available.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Disposal operations:
Dispose of contents / container in accordance with licenced collector's sorting instructions.

SECTION 14: Transportation Information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	AND	RID
14.1 UN number or ID number				
Not regulated for transport				
14.2 UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6 Special precaution for user

Overland transport
Not regulated
Transport by sea
Not regulated
Air transport
Not regulated
Inland waterway transport
Not regulated
Rail transport
Not regulated

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory Information

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

EU Regulations

REACH Annex XV11 (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content: < 0.1 %

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National Regulations

Listed on ELINCS (European List of Notified Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other Information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)

DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

SECTION 16: Other Information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH210	Safety data sheet available on request
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee, or representation is made to its accuracy, reliability of completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.