according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 1/(14)

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

1.1 Product identifier:

A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

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

Relevant identified uses: semi-synthetic heavy duty engine oil

Uses advised against: no data

1.3 Details of the supplier of the safety data sheet:

Trader identification: Technical information:

UNIX Autó és Alkatrészkereskedelmi Kft. UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. H-1139 Budapest, Frangepán u. 55-57.

Tel.: 06 1 270 8700 Tel.: 06 1 270 8700 Fax: 06 1 270 8799 Fax: 06 1 270 8799

E-mail: info@unixauto.hu E-mail: info@unixauto.hu

Responsible for SDS:

UNIX Autó és Alkatrészkereskedelmi Kft.

H-1139 Budapest, Frangepán u. 55-57.

Tel.: 06 1 270 8700 Fax: 06 1 270 8799

E-mail: info@unixauto.hu

1.4 Emergency telephone number

Emergency telephone (07-15²⁰ h): 06 1 270 8700 (CET) on workdays

Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián st. 2-6.)

Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary).

+36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad)

National Health Toxicological Information Service:

SECTION 2 Hazards identification

2.1 Classification of the <u>mixture</u> or substance

Hazard Class and Category: Hazard statement:

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting

effects.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 2/(14)

2.2 Label elements

Product identification: Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Hazardous component(s): -

GHS Pictogram: Not required. Signal word: Not required.

Hazard statement:

H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard information:

EUH208 Contains Calcium long-chain (C20-26) alkaryl sulfonate, Calcium long-

chain (C20-24) alkaryl sulfonate. May produce an allergic reaction.

Precautionary statements - General: -

Precautionary statements – Prevention:

P273 Avoid release to the environment.

Precautionary statements – Response: -

Precautionary statements – Storage: -

Precautionary statements – Disposal:

P501 Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger: Not required.

Transport classification: see section 14.

2.3 Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 3/(14)

SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of refined mineral base oils containing additives.

Component(s) / Hazardous component(s):

Name	EC	CAS	Hazard classes and	Hazard	Conc.
	number	number	cat.	statements	%(m/m)
Distillates (petroleum),	265-157-1	64742-54-7	-	-	max. 90
hydrotreated heavy			(Note L)		
paraffinic					
REACH Registr. Nr.:					
01-2119484627-25					
Base oil – unspecified,	276-738-4	72623-87-1	-	-	max. 25
hydrotreated neutral oil-			(Note L)		
based, C20-C50					
REACH Registr. Nr.:					
01-2119474889-13					
Base oil – unspecified,	276-738-4	72623-87-1	Asp. Tox. 1	H304	max. 25
hydrotreated neutral oil-			(Note L)		
based, C20-C50					
REACH Registr. Nr.:					
01-2119474889-13	265.160.7	64740 65 0			10
Distillates (petroleum),	265-169-7	64742-65-0	- (N + T)	-	max. 10
solvent-dewaxed heavy			(Note L)		
paraffinic*					
REACH Registr. Nr.:					
01-2119471299-27 Reaction mass of isomers	406-040-9	125643-61-0	A Cl 1	H413	
of: C7-9-alkyl 3-(3,5-di-	406-040-9	123043-01-0	Aquatic Chronic 4	H413	max. 2,5
tert-butyl-4-hydroxyphenyl)					
propionate					
REACH Registr. Nr.:					
01-0000015551-76 Mineral oil raffinate**		:	A T 1	H304	max. 10.0
Mineral oil raffinate**		mixture	Asp. Tox. 1	H304	max. 10.0
Bis(nonylphenyl)amine	253-249-4	36878-20-3	(Note L) Aquatic Chronic 4	H413	max. 1.5
REACH Registr. Nr.:	233-249-4	30070-20-3	Aquatic Cinonic 4	П413	max. 1.3
01-2119488911-28					
Calcium long-chain	polymer	722503-69-7	Skin Sens. 1B	H317	max. 0.8
(C20-26) alkaryl sulfonate	polymer	122303-09-1	SKIII SCIIS. 1D	11317	111ax. U.0
REACH Registr. Nr.:					
no data					
no data	<u>l</u>				

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 4/(14)

Name	EC	CAS	Hazard classes and	Hazard	Conc.
	number	number	cat.	statements	% (m/m)
Calcium long-chain	polymer	722503-68-6	Skin Sens. 1B	H317	max. 0.8
(C20-24) alkaryl sulfonate					
REACH Registr. Nr.:					
no data					
Phenol, dodecyl-, branched	310-154-3	121158-58-5	Skin Corr. 1C	H314	max. 0.04
REACH Registr. Nr.:			Eye Dam. 1	H318	
01-2119513207-49			Repr. 1B	H360F	
			Aquatic Acute 1	H400 (M=10)	
			Aquatic Chronic 1	H410 (M=10)	

^{*:} with exposure limit

REACH Registr. Nr.: 01-2119484627-25; 01-2119487077-29; 01-2119471299-27.

The full text of each relevant H- phrase, Hazard classes and cat. see in Section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never

induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain

medical attention.

Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use

soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent

irritation, get medical attention.

Ingestion: If swallowed, give water. Do not induce vomiting. Get medical attention.

Protection of first-aid person: No individual specifications.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity.

May cause allergic reaction.

4.3 Indication of any immediate medical attention and special treatment need Not required.

^{**} The mineral oil mixture contains one or more of the following:

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 5/(14)

SECTION 5 Fire-fighting measures

Fire hazards:

Combustible.

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder.

Unsuitable extinguishing media:

Water jet.

5.2 Special hazards arising from the mixture or substance

Hazardous combustion products:

On burning, carbon dioxide, carbon monoxide, sulphur oxides, phosphor oxides, various hydrocarbons and soot can be formed.

5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

Risk of slipping.

6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 6/(14)

6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be remove. Recover free liquid by

pumping. Contain the rest or small quantities with sand, earth or other

suitable absorbents. Dispose of according to local regulations.

On water: Confine the spillage. Remove from surface by skimming or suitable

absorbents. Notify local authorities according to regulations.

6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Keep general measures applied for normal operations with lubricants and flammable liquids.

Keep away from radiant heat and open flame.

Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists.

Ensure washing facilities after working hours and before breaks.

Take off contaminated clothing and wash it before reuse.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: not known

7.2 Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of flammable liquids.

Store in dry, well ventilated place in original, closed containers.

Keep away from radiant heat, open flame and strong oxidizing agents.

Storage temperature: max. 40°C

7.3 Specific end use(s)

Semi-synthetic heavy duty engine oil.

SECTION 8 Exposure controls / personal protection

Engineering control measures:

Not required.

8.1 Control parameters:

Mineral oil mist: TWA: 5 mg/m³; STEL: 10 mg/m³, for oil mist, vapour

excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 7/(14)

8.2 Exposure controls

Personal protection:

Respiratory protection: Under normal conditions not required. In case of exceeded

exposure-limits respiratory protection with particle-filter is

recommended.

Hand protection: Oil resistant gloves (EN 374, Breakthrough time 480 min) (e.g.

nitrile rubber – minimal thickness 0.33 mm).

Note: Manufacturer's directions for use and the conditions of

application should be observed.

Eye protection: Tightly fitting safety goggles (EN 166).

Skin protection: Protective clothing (oil resistant).

Other special: No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Colour: brown, bright, clear

Odour: characteristic

Change in physical state:

Pour point (ISO 3016): typ. -33°C Boiling point (DIN 51356): not available

Others:

Flash point (COC) (EN ISO 2592): typ. 235°C Ignition point (EN ISO 2592): not available Autoignition temperature: not available Explosive properties: not explosive Oxidizing properties: not oxidize Vapour pressure at 20°C: negligible

Density at 15° C (EN ISO 12185): $0.850 - 0.870 \text{ g/cm}^3$

Solubility in water: practically insoluble in water Solubility in other solvents: gasoline, kerosene, toluene, etc.

n-Octanol/water partition coefficient: not available Vapour density: not available

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 8/(14)

Heating value: inf. 38 000 kJ/kg

Kinematic viscosity at 40°C (EN ISO 3104): typ. 99.8 mm²/s Kinematic viscosity at 100°C (EN ISO 3104): typ. 14.6 mm²/s

pH: not applicable

9.2 Other information

no data available

SECTION 10 Stability and reactivity

10.1 Reactivity: Dangerous reactivity not known.

10.2 Chemical stability: No decomposition if stored and handled properly.

10.3 Possibility of hazardous

reactions: Not known.

10.4 Conditions to avoid: Direct heat or ignition sources.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition No dangerous decomposition products are formed under normal

products: conditions. Hazardous combustion products: See Section 5.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Oral: LD_{50} (rat) > 2000 mg/kg (based on components) Dermal: LD_{50} (rabbit) > 2000 mg/kg (based on components)

Components:

Base oil – unspecified, hydrotreated neutral oil-based, C20-C50 (CAS: 72623-87-1)

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7):

 $\begin{array}{lll} \text{Oral:} & LD_{50} \, (\text{rat}) & > 5000 \, \text{ mg/kg} \\ \text{Dermal:} & LD_{50} \, (\text{rabbit}) & > 5000 \, \text{ mg/kg} \\ \text{Inhalation:} & LC_{50} \, (\text{rat}) & > 5.00 \, \text{ mg/L} \, (4 \, \text{h}) \end{array}$

Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)

Oral: LD_{50} (rat) > 5000 mg/kg (literature data) Dermal: LD_{50} (rabbit) > 2000 mg/kg (literature data) Inhalation: LC_{50} (rat) > 5.53 mg/L (literature data)

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 9/(14)

Acute toxicity: irritation

Skin: not irritant (based on components)

Eye: not irritant (based on components)

Respiratory or skin sensitisation: not sensitising (based on components), but may produce

an allergic reaction.

Other information, specific effects:

Note L: The classification as a carcinogen need not apply according to 1272/2008/EC, because it can be shown that the substance contains less than 3 % DMSO extract as

measured by IP 346.

Germ cell mutagenicity: not known, resp. not mutagen (based on components)
Carcinogenicity: not known, resp. not carcinogen (based on components)
Reproductive toxicity: not known, resp. no reproduction-damaging effect

(based on components)

STOT-single exposure: not classified STOT-repeated exposure: not classified Aspiration hazard: not classified

SECTION 12 Ecological information

12.1 Toxicity No data for the product.

Components:

Base oil – unspecified, hydrotreated neutral oil-based, C20-C50 (CAS: 72623-87-1)

Fishes: LC_{50} > 100 mg/L

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7):

Fishes: >1000 mg/L 96 h (OECD 203)
Daphnia: >100 mg/L 48 h (OECD 202)
Algae: >100 mg/L 72 h (OECD 201)

Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)

Fishes: LC_{50} > 100 mg/L(literature data) Daphnia: EC_{50} > 100 mg/L(literature data) Other aquatic organisms: EC_{50} > 100 mg/L(literature data) > 100 mg/LAlgae: ErC₅₀ (literature data) Other living beings: (literature data) TLM >1 mg/L

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 10/(14)

Phenol, dodecyl-, branched (CAS: 121158-58-5)

Fish (Fat-headed carp): LC_{50} 40 mg/L96 h Daphnia: EC_{50} 0.037 mg/L48 h Shrimp (Mysidopsis Bahia): >0.58 mg/L EC_{50} 96 h Daphnia: EC_{50} $0.0079 \, \text{mg/L}$ 21 days Daphnia: NOEC $0.0037 \, \text{mg/L}$ 21 days 0.36 mg/LAlgae: EC_{50} 72 h Microorganisms (Activated sludge): >1000 mg/L0.1 days EC_{50}

12.2 Persistence and degradability

Biodegradability: Hydrocarbons are inherently degradable.

Phenol, dodecyl-, branched 25 % (28 days, OECD TG 301 B)

12.3 Bioaccumulative potential No data available.

12.4 Mobility

Mobility in soil Absorbs in soil.

Mobility in water: Floats on water.

12.5 Results of PBT and vPvB assessment Does not contain PBT and vPvB substances.

12.6 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated

hydrocarbons: None.

Environmental effects: Harmful to aquatic life with long lasting effects.

Water hazard class (German): WGK 1 (Classification by AwSV)

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 13 02 05*

Mineral-based non-chlorinated engine, gear and lubricating oils.

Recommended waste treatment method: incineration

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 11/(14)

Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

SECTION 14 Transport information

Land transport:

Road/ Railway ADR/RID: Not classified.

14.1 UN number: not classified.

14.2 UN proper shipping name: not classified.

14.3 Transport hazard class(es): not classified.

14.4 Packing group: not classified.

14.5 Environmental hazards: not classified.

14.6 Special precautions for user: not classified.

Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product.

Air transport: ICAO / IATA: Not apply to the product.

SECTION 15 Regulatory information

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

This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2015/830/EU) and to Regulation (EC) 1272/2008.

Seveso category: not classified

15.2 Chemical safety assessment.

not available

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 12/(14)

SECTION 16 Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Source of data presented in this material safety data sheet:

Test results of this product

Material safety data sheets of product's components

1272/2008/EC regulation, Annex XVII. of REACH

Relevant Hungarian and EU regulations

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Aquatic Chronic 3 H412 calculation method

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H360F	May damage fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
Asp. Tox. 1	Aspiration hazard Category 1
Skin Corr. 1C	Skin corrosion/irritation Category 1C
Skin Sens. 1B	Respiratory/skin sensitization Category 1B
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Done 1D	Paneduativa taxiaity Catagory 1P

Reproductive toxicity Category 1B Repr. 1B

Hazardous to the aquatic environment, Acute Category 1 Aquatic Acute 1 Hazardous to the aquatic environment, Chronic Category 1 Aquatic Chronic 1 Aquatic Chronic 4 Hazardous to the aquatic environment, Chronic Category 4

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 13/(14)

Legend:

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
BOD Biological Oxygen Demand

Bw Body Weight

C&L Classification and Labelling CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (1272/2008/EC)
CMR Carcinogenic, Mutagenic or toxic to Reproduction

COD Chemical Oxygen Demand
CSA Chemical Safety Assessment
CSR Chemical Safety Report
DMEL Derived Minimal Effect Level
DNEL Derived No Effect Level
ECHA European Chemicals Agency
Ecx Effective Concentration x%

ErC50 EC50 in terms of reduction of growth rate

Edx Effective Dose x%
EC European Community
EC number European Community number

ELINCS European List of Notified Chemical Substances

ES Exposure Scenario

IARC International Agency for Research on Cancer IATA International Air Transport Association IMDG International Maritime Dangerous Goods

LCx Lethal Concentration x%

LDx Lethal Dose x%

LOAEC Lowest Observed Adverse Effect Concentration

LOAEL Lowest Observed Adverse Effect Level LOEC Lowest Observed Effect Concentration

LOEL Lowest Observed Effect Level NOEC No observed effect concentration

NOEL No observed effect level NLP No-Longer Polymer

NOAEL No Observed Adverse Effect Level

OECD Organisation for Economic Cooperation and Development

PBT Persistent Bioaccumulative and Toxic PNEC Predicted No-Effect Concentration

ppm parts/million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Regulations concerning the International carriage of Dangerous Goods by Rail

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 10W-40 LS

Version: 3 Latest revision: 13. 01. 2021 Date of issue: 17. 10. 2017 Page: 14/(14)

SVHC Substance of Very High Concern

UVCB substance of unknown or variable composition, complex reaction products or biological

materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version
3	Composition/information on ingredients	20. 04. 2020	2
11	Toxicological information		
12	Ecological information		
1.3	Details of the supplier of the safety data sheet	13. 01. 2021	3
2	Hazards identification		
3	Composition/information on ingredients		
9	Physical and chemical properties		
11	Toxicological information		
12	Ecological information		