

SAFETY DATA SHEET

In accordance with EC Regulation No. 1907/2006, as amended on the date of this safety data sheet

Torque Elect 400 - ISO 68

Version 1.2

Revision date 10.07.2020

Printdatum 07.11.2021

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

1.1 Product identification

Trade name : Torque Elect 400 - ISO 68
Product code : 3004010015 / 3004010016 / 3004090320

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

Use of the substance/mixture : Compressorolie.

Uses advised against

This product should not be used without first consulting the to be used for applications other than those recommended in section 1.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : **Edmac Europe**
Terbekehofdreef 54
2610 Wilrijk
(Belgium)
Phone : +32 (0)3 750 80 11
fax :
Email address for : If you have any questions about the contents of this
Safety Data Sheet : safety data sheet, please email sales.edmac@edmac.eu

1.4 Emergency telephone number

: +31 (0)10 4313233
National Poisons Information Center (NVIC): Tel. no. +31(0)88 755
8000 (24 hours a day, 7 days a week).
For the sole purpose of informing physicians in the event of accidental poisonings).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Based on available data, this substance / mixture does not meet the classification criteria.

2.2 Labeling elements

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Labeling (REGULATION (EC) No 1272/2008)

Hazard icons : No hazard symbol required

signal word : No signal word

Hazard Statements

PHYSICAL DANGERS:

No classification for physical hazards according to CLP criteria.

HEALTH RISKS:

No health risk according to CLP standards.

DANGERS FOR THE ENVIRONMENT:

Not classified as an environmental hazard according to CLP criteria.

Safety Recommendations

Prevention:

No precautions.

Measures:

No precautions.

Bulletin:

No precautions.

Removal:

No precautions.

Safety data sheet available on request.

Sensitizing
Ingredients

: Contains alkaryl carboxylic acid derivative
May cause an allergic reaction.

2.3 Other hazards

This mixture does not contain any REACH registered substances that are considered a PBT or a vPvB.

Prolonged or repeated skin contact without thorough cleaning can clog the pores of the skin, resulting in conditions such as oil acne and folliculitis.

Used oil may contain harmful contaminants.

Not classified as flammable, but is combustible.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical description

: Highly refined mineral oils and additives.

This highly refined oil contains <3% (w/w) DMSO extract, determined according to IP346.

contains one or more of the following CAS numbers (REACH registration numbers): 64742-53-6 (01-2119480375-34), 64742-54-7 (01-2119484627-25), 64742-55-8 (01-2119487077-29),

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64742-56-9 (01-2119480132-48), 64742-65-0 (01-2119471299-27), 68037-01-4 (01-2119486452-34), 72623-86-0 (01-2119474878-16), 72623-87-1 (01-2119474889-13), 8042-47-5 (01-2119487078-27), 848301-69-9 (01-0000020163-82), 68649-12-7 (01-2119527646-33), 151006-60-9 (01-2119523580-47), 163149-28-8 (01-2119543695-30).

Hazardous ingredients

Chemical Name	CAS-No. EC no. Registration No	Layout (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
(4-nonylphenoxy)acetic acid	3115-49-9 221-486-2	Acute Tox.4; H302 Skin Corr.1B; H314 Skin Sens.1A; H317 Aquatic Chronic1; H411	0,01 - 0,09
Removable low-viscosity base oil (<20.5 mm ² /s @ 40°C) *		Asp. Tox.1; H304 0 - 90	

For explanation of the abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Protection of First Aiders : When providing first aid, ensure that you wear the appropriate personal protective equipment appropriate to the incident, injury and surrounding area.

When inhaled : Under normal conditions of use, treatment is not possible
necessary.
If symptoms persist, seek medical advice.

When in contact with the skin : Remove contaminated clothing. Rinse exposed areas with water and then wash with soap if available.

Get medical attention if irritation persists.

When in contact with the eyes : Flush eye with copious amounts of water.
Remove contact lenses, if possible. Keep rinsing.
Get medical attention if irritation persists.

If swallowed : In general, treatment is not necessary. However, if very large amounts are ingested, medical advice should be sought.

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms : To the signs and symptoms of oil acne and Folliculitis can include the formation of black pimples and spots on the skin of exposed body parts. Absorption into the body can lead to nausea, vomiting and/or diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed

Therapy : Notes to Physician:
Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Foam, water spray or water mist. Dry chemical powder, carbon dioxide, sand or earth should only be used on small fires.

Unsuitable extinguishing media : Do not use a water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Hazardous combustion products may include: A complex mixture of airborne solid and liquid particles and gases (smoke). Incomplete combustion can produce carbon monoxide. Unidentified organic and inorganic compounds.

5.3 Advice for firefighters

Special protective equipment for firefighters : Proper protective equipment, including against chemical protective gloves, must be worn. A chemical resistant suit is indicated if significant contact with spillage is expected.

When approaching a fire in a confined space, a self-contained breathing apparatus must be used. Choose clothing for firefighters that is approved to relevant standards (e.g. Europe: EN469).

Specific extinguishing methods : Use extinguishing measures that are suitable for local circumstances and the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions : 6.1.1 For non-emergency personnel:
Avoid contact with eyes and skin.
6.1.2 For rescuers:

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Avoid contact with eyes and skin.

6.2 Environmental precautions

Environmental precautions : Use appropriate containment system to avoid environmental contamination. Prevent spreading and contaminating sewers, ditches or rivers by damming with sand, earth, or other suitable materials.

Local authorities must be notified of significant leaks that cannot be contained.

6.3 Inclusion and cleaning methods and materials

Cleaning methods : Spilled product causes slipperiness. Prevent accidents by cleaning immediately.
Prevent spread by damming with sand, earth or other suitable material.
Immediately absorb liquid or collect in absorbent material.

Soak up the residue with an absorbent substance, eg clay, sand or other suitable material and dispose of it properly.

6.4 Reference to other sections

For guidance on selection of personal protective equipment see Section 8 of this product safety data sheet., See Section 13 of this safety data sheet for guidelines on how to dispose of spilled material.

SECTION 7: Handling and storage

General Precautions : Use local exhaust ventilation if there is a risk consists of inhalation of vapours, mists or propellants.
Use the information in this data document as input for a risk assessment of local conditions to determine appropriate controls for the safe handling, storage and disposal of this material.

7.1 Precautions for safe handling

Advice on safe handling : Avoid prolonged or repeated skin contact.
Avoid breathing vapor and/or mist.
When handling this product in drums, wear safety footwear and use appropriate handling equipment.

Properly dispose of contaminated rags or cleaning materials to avoid fire.

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Product transfer : During any bulk transfer, proper grounding and connection procedures are applied to avoid the accumulation of static electricity.

7.2 Conditions for safe storage, including any incompatibilities

Other data : Store container tightly closed in a cool, well-ventilated area. Use properly labeled and lockable containers.

Store at room temperature.

Please refer to Section 15 for additional specific legislation regarding the packaging and storage of this product.

Packing material : Suitable material: Use mild steel or high density polyethylene for containers or the inner lining of containers.
Unsuitable material: PVC.

Advice on packaging : Polyethylene containers should not be exposed to high temperatures because of the potential risk of deformation.

7.3 Specific end use(s)

Specific Use : Does not apply

SECTION 8: Exposure controls/personal protection

8.1 Controleparameters

Occupational Exposure Limits

Ingredients	CAS-No.	Value type (Mode of exposure)	Controleparameters	Basis
Oil mist, minerals		TGG-8 hours (Nebulae)	5 mg/m ³	NL WG
Oil mist, minerals		TWO (inhalable fraction)	5 mg/m ³	US. ACGIH Threshold Limit Values
Oil mist, minerals		TWA (Nevels)	5 mg/m ³	NL WG

Organic MAC Values

No biological limit value assigned.

Meetprocedures

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To confirm compliance with an OEL and appropriate exposure controls, it may be necessary to determine the concentration of the substances in the breathing zone or in the general work area. A biological determination may also be appropriate for some substances.

Validated exposure measurement methods must be applied by a competent person and samples must be analyzed by a recognized laboratory.

Below are examples of sources of recommended methods of air monitoring or contact the supplier. Other National methods may be available.

National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods
<http://www.cdc.gov/niosh/>

Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods
<http://www.osha.gov/>

Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances
<http://www.hse.gov.uk/>

Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Germany. <http://www.dguv.de/content/index.jsp>

The National Institute for Research and Security, (INRS), France <http://www.inrs.fr/accueil>

8.2 Exposure controls

Engineering measures The level of protection and the type of measures required will depend on the potential exposure conditions. Choose the type of measures based on the determination of the risk in the local conditions. Suitable measures include:

Adequate ventilation to control airborne concentrations.

If material is heated or sprayed or if mist forms, concentrations in air are more likely to be generated.

General information:

Define procedures for safe handling and maintenance of controls.

Instruct and train employees in the hazards and protective measures applicable to normal activities associated with this product.

Ensure proper selection, testing and maintenance of equipment used to control exposure, eg personal protective equipment, local exhaust ventilation.

Drain systems for opening or servicing the equipment.

Store drain/waste fluid in a closed system for processing or reuse.

Always use good personal hygiene measures, such as washing hands after handling and before eating, drinking and/or smoking. Wash work clothes and protective equipment routinely to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Provide order and structure in the workplace.

Personal protective equipment

The information provided has been prepared in accordance with the PPE Directive (Council Directive 89/686/EEC) and the standards of the European Commission for Standardization (CEN).

Personal Protective Equipment (PPE) must meet recommended national standards. Check with PPE suppliers.

Eye protection : If material is handled in such a way that it could splash in the eyes, protective eye protection is recommended.

Approved according to EU standard EN166.

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Hand protection

Comments

: Where hand contact with the product can occur, the use of gloves complying with the relevant standards (in Europe: EN374, in the USA: F739) can provide adequate chemical protection if made of the following materials: PVC, neoprene, or nitrile rubber gloves. The suitability and durability of a glove depends on the use, e.g. the number of contact times and the duration of use.

contact, and the degree to which they are resistant to chemicals of the glove material, of the skill.

Always seek advice from glove suppliers.

Contaminated gloves must be replaced.

Personal hygiene is of great importance for an effective care of the hands. Wear gloves only over clean hands. After using gloves, the hands are thoroughly washed and dried. Use of unscented moisturizer becomes recommended.

For continuous contact, we recommend gloves with a breakthrough time greater than 240 minutes, with preference being given to greater than 480 minutes where suitable gloves can be identified. For short term or splash protection we recommend the same but are aware that suitable gloves providing this level of protection may not be available and in that case a shorter breakthrough time may be acceptable as long as appropriate maintenance and timely replacement procedures are followed.

The thickness of the gloves is not a good measure of the glove's resistance to a chemical, as it depends on the exact composition of the material the gloves are made of. The thickness of the gloves, depending on the model and material of the gloves, should generally be greater than 0.35 mm.

Skin and body protection

: Usually no further skin protection than standard work clothes required.
It is a good idea to wear chemical resistant gloves.

Respiratory protection

: Respiratory protection is usually not required when used under normal conditions.
In accordance with good industrial hygiene practices, precautions should be taken to:

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avoid inhalation of the material.

When engineering controls cannot maintain the concentration in the air at an adequate level to protect the health of the worker, select respiratory protection equipment, suitable for the specific conditions of use and that complies with the relevant legislation.

Check suitability with the respiratory protection equipment supplier.

If respiratory protection by means of an air filter is possible, select a suitable combination of mask and filter.

Select a combination filter suitable for particulate/ organic gases and vapors [Type A/Type P boiling point > 65°C (149°F)] that complies with EN14387 and EN143.

Thermal hazards : Does not apply

Environmental Exposure Control

General advice : Take appropriate measures to meet environmental requirements protection legislation. Avoid environmental contamination by following the advice in Section 6. If necessary, prevent the discharge of (un)dissolved material to the waste water. Wastewater must be treated in municipal or industrial waste processing plants before it is discharged to surface water.

Local guidelines for emission limits for volatile substances must be observed when releasing exhaust gases containing vapours.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Prevent : Liquid at room temperature.

Color : light brown

Odor Threshold : No data available

pH : Does not apply

pour point : -30 °C Metode: ISO 3016

Melting point/solidifying point : No data available

Initial boiling point and boiling range : > 280 °C estimated value(s)

flash point : 248 °C

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Method: ISO 2592

Evaporation Rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : Type. value 10 %(V)

Lower explosion limit : Type. value 1 %(V)

Vapor voltage : <0.5 Pa (20 °C)
Estimated value(s)

Relative vapor density : > 1 Estimated value(s)
relative density : 0,873 (15 °C)

Density : 873 kg/m³ (15,0 °C)
Method: ISO 12185

Solubility

Solubility in water : negligible

Solubility in other solvents : No data available

Partition coefficient: n octanol/water : log Pow: > 6 (based on information on similar products)

Auto-ignition temperature : >
320 °C

Analysis temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 68 mm²/s (40,0 °C)
Method: ISO 3104

8,9 mm²/s (100 °C)
Method: ISO 3104

Explosive properties : Not classified

Oxidizing properties : No data available

9.2 Other information

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Conductivity : This material is not expected to have a static accumulator is.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product poses no reaction hazards other than those listed in the following subsection.

10.2 Chemical stability

Stable.

A hazardous reaction is not expected if the product is handled or stored in accordance with the requirements.

10.3 Possibility of hazardous reactions

Dangerous reactions : Reacts with strong oxidizing agents.

10.4 Circumstances to Avoid

Circumstances to Avoid : Extreme temperatures and direct sunlight.

10.5 Incompatible materials

Materials to Avoid : Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if kept and applied as indicated.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Basis for the assessment : Information is based on component data and toxicological data for similar products. Unless otherwise noted, data presented here is representative of the product as a whole, rather than individual component(s).

Information on likely routes of exposure : Skin and eye contact are the primary forms of exposure, although exposure may occur following accidental ingestion.

Acute Toxicity

Product:

Acute Oral Toxicity : LD50 rat: > 5.000 mg/kg

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Notes: Low Toxicity:
Based on available data; the classification criteria are not met.

Acute inhalation toxicity : Remarks: Based on available data; to the grading criteria are not met.

Acute Dermal Toxicity : LD50 rabbit: > 5,000 mg/kg
Notes: Low Toxicity:
Based on available data; the classification criteria are not met.

Skin corrosion/irritation

Product:

Notes: Slightly irritating to skin., Prolonged or repeated skin contact without thorough cleaning may clog skin pores, resulting in conditions such as oil acne and folliculitis., Based on available data; the classification criteria are not met.

Serious eye damage/eye irritation

Product:

Remarks: Slightly irritating to eyes., Based on available data; the classification criteria are not met.

Respiratory/Skin Sensitization

Product:

Remarks: For respiratory and skin sensitization:, Not a sensitizer., Based on available data; the classification criteria are not met.

Ingredients:

(4-nonylphenoxy)acetic acid:

Notes: May cause an allergic skin reaction in sensitive individuals.

Germ cell mutagenicity

Product:

: Remarks: Non-mutagenic, Based on available data; the classification criteria are not met.

Cancer Awareness

Product:

Remarks: Not carcinogenic., Based on available data; to the

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grading criteria are not met.

Notes: Product contains mineral oils that have been shown to be non-carcinogenic based on animal skin application studies., Highly refined mineral oils have not been approved by the International Agency for Research on Cancer (IARC). classified as carcinogenic.

Material	GHS/CLP Carcinogenicity Classification
highly refined mineral oil	No classification for carcinogenicity

Reproductive Toxicity

Product:

Remarks: Has no effects on development., Does not impair fertility., Based on available data; the classification criteria are not met.

STOT-single exposure

Product:

Notes: Based on available data; the classification criteria are not met.

STOT with repeated exposure

Product:

Notes: Based on available data; the classification criteria are not met.

Aspiration toxicity

Product:

No aspiration hazard.

Further information

Product:

Notes: Used oils may contain harmful contaminants that have accumulated during use. Such harmful contaminants, the concentration of which depends on the use of the oil, can present risks to health and the environment when disposed of., ALL used oils should be handled with care, avoiding contact with the skin as much as possible. to become.

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Remarks: Slightly irritating to the respiratory tract.

Notes: Classifications by other agencies under various regulatory frameworks may exist.

Summary of the evaluation of the CMR properties

Mutagenicity in : This product does not meet the criteria for germ cell classification- Assessment categories 1A/1B.

Cancer Awareness - Rating : This product does not meet the criteria for classification in categories 1A/1B.

Reproductive Toxicity - Review : This product does not meet the criteria for classification in categories 1A/1B.

SECTION 12: Ecological information

12.1 Toxicity

Basis for the assessment : No ecotoxicological data has been determined specifically for this product.
Information provided is based on knowledge of the components and ecotoxicological properties of comparable products.
Unless otherwise noted, the data presented here is representative of the product as a whole, rather than the individual component(s).
(LL/EL/IL50 expressed as the nominal amount of product required to prepare an aqueous test extract) .

Product:

Toxicity to fish (Acute toxicity) : Remarks: LL/EL/IL50 >100 mg/l
Not harmful:
Based on available data; the classification criteria are not met.

Crustacean toxicity (Acute toxicity) : Remarks: LL/EL/IL50 >100 mg/l
Not harmful:
Based on available data; the classification criteria are not met.

Toxicity to algae/aquatic plants (Acute toxicity) : Remarks: LL/EL/IL50 >100 mg/l
Not harmful:
Based on available data; the classification criteria are not met.

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Toxicity to Fish : Notes: No data available
(Chronic Toxicity)
Crustacean toxicity : Notes: No data available
(Chronic Toxicity)
Toxicity to
microorganisms (Acute toxicity) Notes: No data available

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: Not readily biodegradable., The major components are inherently biodegradable, but also contain components which are not decomposed in the environment.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Notes: Contains components that can to bioaccumulate.

Partition coefficient: n octanol/water : log Pow: > 6Remarks: (based on information on similar products)

12.4 Mobility in the soil

Product:

Mobility : Notes: Liquid under most natural conditions., If the product penetrates into the ground, it adheres to soil particles and is thus not mobile.
Notes: Floats on water.

12.5 Results of PBT and vPvB assessment

Product:

Rating : This mixture contains no REACH registered substances that are considered a PBT or a vPvB.

12.6 Other harmful effects

Product:

Additional ecological information : Does not break down ozone, does not create photochemical ozone and does not warm the earth., Product is a mixture of non-volatile components, which under normal conditions of use are not released into the atmosphere in significant quantities.
Slightly soluble mixture., Causes physical contamination of aquatic organisms.
Mineral oil does not cause chronic toxicity in

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aquatic organisms in concentrations less than 1 mg/l.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Recover or reuse if possible.
It is the responsibility of the person generating waste material to determine the toxic and physical properties of the generated material for the purpose of determining proper waste classification and disposal methods in accordance with applicable laws and regulations.

Do not discharge into the environment, sewers or waterways.

Waste products must not contaminate the soil or groundwater, and must not be discharged into the environment.
Waste, spilled or used product is hazardous waste.

Contaminated packaging : Dispose of in accordance with regulations, at preferably by a recognized collection company or permit holder. The suitability of the collection company or the permit holder must be determined in advance. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local Law

Waste catalog

EC Waste Disposal Regulations (EWC)

Waste number:

13 02 05*

Comments

: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Waste classification is always the responsibility of the end user.

SECTION 14: Transport information

14.1 UN number

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DNA : 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
THERE IT IS : Not regulated as a dangerous good

14.2 UN proper shipping name

DNA : 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
THERE IT IS : 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
IATA : Not regulated as a dangerous good

14.4 Packing group

ADN : Not regulated as a dangerous good
CDNI Waste Handling Convention : NST 3411 Mineral lubricating oil,
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.5 Environmental hazards

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

14.6 Special precautions for the user

Remarks : Special precautions: Refer to section 7,
"Handling and Storage", for special precautions that a user should be aware of, or requirements that must be met in connection with transportation.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as delivered. The MARPOL Annex 1 rules apply to bulk transport by sea.

SECTION 15: Regulations

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

REACH - List of substances subject to authorization (Annex XIV) : Product is not subject to authorization under REACH.

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Volatile Organic Compounds : 0 %

Other Regulations : The legal information is not intended to be complete. Other legislation may apply to this product.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex XIV.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex XVII.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work and its amendments.

Directive 1994/33/EC on the protection of young people at work and its amendments.

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers, workers who have recently given birth and are breastfeeding and its amendments.

The ingredients of this product are included on the following lists:

EINECS : All components registered or exempt (polymer).
TSCA : All components registered.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out by the supplier for this substance or mixture.

SECTION 16: Other information

Full text of the H statements

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

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Full text of other abbreviations

Acute Tox.	Acute Toxicity
Aquatic Chronic	Long-term (Chronic) Aquatic Hazard
Asp. Tox.	Inhalation hazard
Skin Corr.	Skin corrosion/irritation
Skin Sens.	Skin sensitization

Abbreviations and acronyms used in this safety data sheet : The standard abbreviations and acronyms used in this document are used, you can look it up in reference literature (such as scientific dictionaries) and/or on websites.

ACGIH = American Conference of Governmental Industrial Hygienists

ADR = Accord européen relatif au transport international de marchandises Dangereuses par Route (European convention for the international carriage of dangerous goods by road)

AICS = Australian Inventory of Chemical Substances (Australian Inventory of Commercial Chemicals)

ASTM = American Society for Testing and Materials

BEL = Biological exposure limits

BTEX = Benzene, Toluene, Ethylbenzene, Xylene

CAS = Chemical Abstracts Service

CEFIC = European Chemical Industry Council

CLP = Classification, Labeling and Packaging

COC = Cleveland Open-Cup

DIN = German Institute for Standardization

DMEL = Derived Minimal Effect Level

DNEL= Derived No Effect Level

DSL = Canada Domestic Substance List

EC = European Commission

EC50 = Effective Concentration fifty

ECETOC = European Center on Ecotoxicology and Toxicology Of Chemicals (European Center for Ecotoxicology and Toxicology of Chemicals)

ECHA = European Chemicals Agency agency)

EINECS = The European Inventory of Existing Commercial chemical Substances

EL50 = Effective Loading fifty (50% effective load)

ENCS = Japanese Existing and New Chemical Substances Inventory (Japanese inventory of existing and new commercial chemical substances)

EWC = European Waste Code (Code European Waste Catalogue)

GHS = Globally Harmonised System

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

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IC50 = Inhibitory Concentration fifty (50% Inhibitory Concentration)

IL50 = Inhibitory Level fifty (50% inhibierend niveau)

IMDG = International Maritime Dangerous Goods (International Code for the Transport of Dangerous Goods by Sea)

INV = Chinese Chemicals Inventory

IP346 = A test method (No. 346) developed by the Institute of Petroleum for the determination of polycyclic aromatic DMSO extractable substances

KECI = Korea Existing Chemicals Inventory

LC50 = Lethal Concentration fifty (50% lethal concentration)

LD50 = Lethal Dose fifty

LL/EL/IL = Lethal Loading/Exposure Limit/Inhibition Limit

LL50 = Lethal Loading fifty (50% lethal load)

MARPOL = International Convention for the Prevention of Pollution From Ships

NOEC/NOEL = No Observed Effect Concentration / No Observed Effect Level (highest concentration of a (polluting) substance at which no (negative) effects are observed in a particular species)

OE_HPVS = Occupational Exposure - High Production Volume

PBT = Persistent, Bioaccumulation and Toxic

PICCS = Philippine Inventory of Chemicals and Chemical Substances

PNEC=predicted no effect concentration

REACH= Registration Evaluation and Authorization of substances.

RID = Règlement concernant le transport international ferroviaire des marchandises dangereuses (European regulations for the international transport of dangerous goods by rail)

SKIN_DES = Skin Designation

STEL = Short term exposure limit

TRA = Targeted Risk Assessment

TSCA = US Toxic Substances Control Act (US regulation for the production, import, distribution and sale of chemicals that can be harmful to human, animal and environmental health)

TWA = Time-Weighted Average

vPvB = very Persistent and very bioaccumulative

Further information

Training advice

Provide good information, instruction and training for the users.

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Other information

: There is no annex to this safety data sheet

Exposure scenario attached. It is an unclassified mixture containing hazardous substances as set out in Section 3. Relevant information from Exposure Scenarios for the hazardous substances contained in this mixture are contained in core sections 1-16 of this safety data sheet.

A vertical bar (|) in the left margin indicates that there is an adjustment compared to the previous version.

Sources of the basic information used to compile the safety data sheet

The data cited is taken from, but not limited to, one or more sources of information (such as toxicology data from material supplier data, CONCAWE, EU IUCLID database, EC 1272/2008 regulation, etc.).

The information is based on our current knowledge and reflects the health, safety and environmental aspects of this product. The data does not constitute a technical specification of the product.