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

Product group: Engine oils

Motoröl

Engine oil

Huile moteur

Further trade names

Engine oil 5W-40 Supreme Plus

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

Use of the substance/mixture

Used in the automobile industry

1.3. Details of the supplier of the safety data sheet

Company name: Opel Automobile GmbH
Place: D 65423 Rüsselsheim am Main
Telefax: +49-6142/ 749-503
e-mail: OPEL-helpdesk@ifz-berlin.de
Responsible Department: IFZ Ingenieurbüro und Consulting GmbH
Telefon: +49 30 2904897-10
Telefax: +49 - 30 / 2904897-20

1.4. Emergency telephone number:

Internationale Hotline: +49 6131 19240
United Kingdom +44 870 600 626 / 0870 600 6266

Further Information

Reference list
Apply safety data sheet to the following products:

Part-No.	Catalogue-No.	Product name/Quantity
93165506	19 42 064	Engine oil, 1 L
93165507	19 42 065	Engine oil, 205 L
95527919	-	Engine oil, 1 L
95527920	-	Engine oil, 205 L

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102	Keep out of reach of children.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to hazardous or special waste collection point.

Special labelling of certain mixtures

EUH208 Contains C-14-16-18 Alkyl phenol. May produce an allergic reaction.

Additional advice on labelling

The product is classified and labelled in accordance with the EC directives or respective national laws.

2.3. Other hazards

When the highly pressurized product comes in contact with the skin, the danger exists that it can enter the body through the skin. Consult a doctor in this case, also when no obvious injury is determinable.
Although unused motor oil is not considered toxic, used motor oil can be carcinogenic, and therefore, should be handled with care.

Slipping hazard due to leakage. Should not be released into the environment.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Engine oil, base: highly refined mineral oil (IP 346 DMSO extract: < 3 %)

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
72623-87-1	Base oil – not specified			30 - 60 %
	276-738-4		01-2119474889-13	
	Asp. Tox. 1; H304			
36878-20-3	Bis(nonylphenyl)amine			< 1,5 %
	253-249-4		01-2119488911-28	
	Aquatic Chronic 4; H413			
93819-94-4	Zinc bis(O-(6-methylheptyl)) bis(O-(sec-butyl)) bis(dithiophosphate)			< 1,5 %
	298-577-9		01-2119543726-33	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411			
-	C-14-16-18 Alkyl phenol			0.1 - 0.99 %
	931-468-2		01-2119498288-19	
	Skin Sens. 1, Aquatic Chronic 4; H317 H413			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of feeling unwell: Obtain medical attention. Show this safety data sheet to the doctor in attendance. If unconscious, place the person in the recovery position and seek medical advice immediately. Do not

administer liquids to the unconscious person and avoid vomiting.
Protection is needed for the First Aider. (protective gloves, chemical-resistant; safety glasses)
In case of mist, spray or aerosol exposure, wear suitable personal respiratory protection and protective suit.
Eye wash fountains and safety showers must be easily accessible.

After inhalation

When high concentrations of oil mist, smoke or vapour are inhaled, e.g. in the case of aerosol formation: Remove the victim into fresh air. Lay the affected person down, and keep her or him warm and calm. If symptoms persist, call a physician.

After contact with skin

Take off all contaminated clothing immediately. Wash skin with soap and water or special cleanser. Do not use solvents or thinners. In the case of skin irritation or allergic reactions see a physician.

When injected under the skin, consult a doctor immediately. You must check whether surgical action is indicated. A hand surgeon must be consulted as soon as possible if the injuries are in the hand area.

After contact with eyes

Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses after the first 1 - 2 minutes and continue flushing. Consult an ophthalmologist immediately.
Eye wash.

After ingestion

If swallowed, seek medical advice immediately and show this container or label.
Do not induce vomiting. Rinse mouth. Don't drink. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Severe eye irritation. Inhalation of vapours in high concentration may cause irritation of respiratory tract. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. If swallowed or in the event of vomiting, risk of product entering the lungs.
Skin contact with the product may cause acne. May produce an allergic reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment (decontamination and vital functions). If necessary, contact poisson centre.

Splashes through the skin of a highly pressurised product are serious medical emergencies (high rates of amputations)! The injured area should be investigated with an X-ray. The injuries initially do not seem serious, but within a few hours the tissue swells, discolours and is extremely painful, together with strong sub-cutaneous necrosis. The thorough and extensive opening of the wound and the tissue underneath it is required to reduce tissue loss. The high pressure enables the product to penetrate many layers of tissue.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2), foam, chemical fire extinguisher, dry chemical, water mist.

Remove intact containers immediately from the dangerous area and/or cool them with water. Cool containers / tanks with sprayed water.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Incomplete incineration and thermolysis produces toxic gases. Depending on the conditions of the fire, the following combustion products could be formed/ given off: aldehydes, carbon black, various hydrocarbons, carbon dioxide (CO2), carbon monoxide (CO). Formation of organic crack products in the event of excess heating in a vacuum.

Vapours may form explosive mixtures with air. Vapours are heavier than air and spread at the soil.

5.3. Advice for firefighters

Do not breathe in the vapours and combustion gases. In the event of fire, wear self-contained breathing apparatus. Complete protection suit and compressed air breathing apparatus. Standard procedure for chemical fires.

Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus.

Additional information

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Remove all sources of ignition. Do not smoke. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Slipping hazard due to leakage.

6.2. Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. Do not flush into surface water. Contact the responsible authority immediately if the product ends up in the soil, a body of water, or the sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with oil absorbent material. Spilled or leaking material is to be soaked up with non-flammable absorbent materials (sand, soil, diatomaceous earth) and put in containers. Take up mechanically and collect in suitable container for disposal. On water: Mop up with floating binding agents. Remove the product from the water surface by skimming or suitable adsorption products. If necessary, use suitable dispersion agents in flowing water by agreement with the authorities. Dispose of the material collected according to regulations. Recovery or recycling, if possible.

6.4. Reference to other sections

Suitable protective equipment: See section 8.

Dispose of as described in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of aerosol. Do not breathe in vapours or spray mist. Keep away from open flames, hot surfaces, and sources of ignition. Take precautionary measures against static discharges. Keep away from combustible material. Avoid contact with skin, eyes and clothing. Keep away from food and drink. Do not smoke. Wash hands and face before breaks and immediately after handling the product.

Advice on protection against fire and explosion

Empty containers can contain flammable and explosive vapours. Keep product and empty container away from heat and sources of ignition. Do not use unlabelled containers. Contact with combustible material may cause fire. Articles impregnated with the product are to be disposed of immediately (cloth, paper, absorbent material). Preparation may charge electrostatically: always use grounding wire when transferring from one container to another. Do not use the product in the vicinity of electrical systems. Electrical systems and equipment must comply with the regulations.

Further information on handling

Transport temperature (°C): max. 40

When handling the product, follow hygiene and safety precautions.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Facilities must be planned in such a way that contamination of the soil and groundwater is excluded. Protect

waste water treatment plants.
Store in original container. Keep in a dry, cool and well-ventilated place. Protect from humid air and water. Protect from heat and direct sunlight. Protect from freezing. Only use hydrocarbon-resistant containers, caulk, pipelines,...
Store preferably in the original packaging: otherwise copy all information from the original label onto the new packaging.
Keep at temperature not exceeding 40 °C.

Advice on storage compatibility

Store separately from: strong oxidising agents, acids and bases.

Further information on storage conditions

Store in enclosed rooms. Smoking in the storage rooms is forbidden.
Local regulations concerning handling and storage of water polluting products have to be followed.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
-	Oil mist, mineral (excluding metalworking fluids) (OLD)	-	5		TWA (8 h)	OES
		-	10		STEL (15 min)	OES

DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
-	C-14-16-18 Alkyl phenol		
Worker DNEL, long-term	inhalation	systemic	1.17 mg/m³
Worker DNEL, long-term	dermal	systemic	0.30 mg/kg bw/day

Additional advice on limit values

For oil mist: manufacture recommandation: 5 mg/m³ (8 h); 10 mg/m³ (0.25 h)

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation and/or exaust ventilation. Follow the maximum workplace concentration values. Respiratory protection measures are required when large amounts of the product are used, when the product is used in enclosed spaces or under any other circumstances, in which the explosion limit concentration is approached or even surpassed.
Personal protection equipment should comply with the relevant standards, be suitable for purpose, in good condition and maintained as specified.

Protective and hygiene measures

Avoid prolonged and intensive skin contact. Avoid skin contact with the used product. Take off all contaminated clothing immediately. Toxicity after skin contact: Wash contaminated skin areas thoroughly with soap and water. Do not use solvents or thinners. Articles impregnated with the product are to be disposed of immediately (cloth, paper, absorbent material). When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.
Eye wash fountains and safety showers must be easily accessible.

Eye/face protection

Safety glasses at risk of splashing. Safety glasses with side-shields.
If necessary: facial protection.

Hand protection

Protective gloves, resistant to hydrocarbons. The manufacturer recommends the following glove materials: fluorinated rubber or nitrile rubber (NBR). Penetration time of the glove material: >480 min/layer thickness: >0.35 mm. Safety gloves should be selected for the actual conditions of use and in accordance with the instructions for use provided by the manufacturer.

Please note that the daily use of a chemical glove in practice may be considerably shorter than the permeation time calculated in EN 374 as a result of many different factors (for example temperature). Use tested protective gloves. Protective gloves should be replaced immediately if damaged or in case of signs of wear.

Skin protection

In the case of long or repeated exposure, use protective clothing. (long sleeved clothing, resistant to hydrocarbons) Chemical-resistant safety shoes or boots.

No rings, watches or similar things should be worn. Product residues can remain and, therefore, can trigger skin reactions. If necessary: Clean thoroughly.

Respiratory protection

Not required when area is well ventilated. When the concentration in the air is over the maximum occupational exposure limit, an approved respiratory protection apparatus must be worn.
Respirator with combination filter for vapour/particulate. Respirator with A/P2 filter (EN 14387).

Environmental exposure controls

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow-brown
Odour:	characteristic

		Test method
pH-Value:	n.a.	
Changes in the physical state		
Melting point:	n.a.	
Initial boiling point and boiling range:	No data available.	
Pour point:	No data available.	
Flash point:	> 220 °C	ASTM D 92
Sustaining combustion:	No data available	
Flammability		
Solid:	No data available.	
Gas:	No data available.	
Explosive properties		
The product is not explosive.		
Lower explosion limits:	No data available.	
Upper explosion limits:	No data available.	
Ignition temperature:	No data available.	
Auto-ignition temperature		

Solid:	No data available.
Gas:	No data available.
Decomposition temperature:	No data available.

Oxidizing properties

No data available.

Vapour pressure:	No data available.
Density (at 15 °C):	0.850 - 0.855 g/cm³
Water solubility:	insoluble

Solubility in other solvents

Soluble in many conventional solvents.

Partition coefficient:	No data available.
Viscosity / kinematic: (at 40 °C)	79.53 - 84 mm²/s ISO 3104
Vapour density:	No data available.
Evaporation rate:	No data available.

9.2. Other information

Solid content:	No data available.

Kinematic viscosity: 13.2 - 14.20 mm2/s (100°C) - Test norm: ISO 3104

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under proper storage and handling.

10.3. Possibility of hazardous reactions

No dangerous reactions occur under normal storage conditions and in normal use.

10.4. Conditions to avoid

Keep away from heat and sources of ignition. Avoid temperatures over the ignition temperature and flash point. Avoid sparks and static charges.

10.5. Incompatible materials

Avoid contact with strong oxidising agents.
Store separately from: acids and bases.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

No data is available on the product itself. The following toxicological assessments are based on the toxicological knowledge of the separate components of the product.

Highly refined mineral oils:
LD50/oral/rat: > 5000 mg/kg (OECD 420)
LD50/dermal/rabbit: > 5000 mg/kg (OECD 402)
LC50/inhalative/4h/rat: > 5 mg/l (aerosol) (OECD 403)

Zinc bis(O-(6-methylheptyl)) bis(O-(sec-butyl)) bis(dithiophosphate):
LD50/oral/rat: 2600 mg/kg
LD50/dermal/rabbit: > 3160 mg/kg (OECD 402)
LC50/inhalative/4h/rat: > 2 mg/l (aerosol) (OECD 403)

Bis(nonylphenyl)amine:
LD50/oral/rat: > 5000 mg/kg (OECD 401)
LD50/dermal/rat: > 2000 mg/kg (OECD 402)

Irritation and corrosivity

In high temperatures or mechanical atomisation, vapours or oil mist may be formed. Vapours may be irritating to eyes, nose, throat, and lungs.
Severe eye irritation.
Repeated or long term contact can lead to skin irritations. May produce an allergic reaction.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Sensitising effects

No data available.

Carcinogenic/mutagenic/toxic effects for reproduction

Repeated and prolonged exposure of used engine oils has triggered skin cancer on mice. Although unused motor oil is not considered toxic, used motor oil can be carcinogenic, and therefore, should be handled with care. Wash hands before breaks and immediately after handling the product. Wash contaminated skin areas thoroughly with soap and water.

STOT-single exposure

No data available.

STOT-repeated exposure

Characteristic skin damage (pustules) can develop after continued and repeated exposure (contact with contaminated clothing).

Aspiration hazard

No data available.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself. The following toxicological assessments are based on the toxicological knowledge of the separate components of the product.

CAS 72623-87-1 Highly refined mineral oils:
Toxicity to algae:
EL50/Pseudokirchneriella subcapitata/48h: > 100 mg/l (OECD 201)
Daphnia toxicity:
EL50/Daphnia magna/48h: > 10000 mg/l (OECD 202)
Toxicity to fish:
LL50/Rainbow trout (Oncorhynchus mykiss)/96h: > 100 mg/l (OECD 203)

CAS 93819-94-4 Zinc bis(O-(6-methylheptyl)) bis(O-(sec-butyl)) bis(dithiophosphate):
Toxicity to algae:
EbC50/Algae (Selenastrum capricornutum)/96h: 2.1 mg/l (OECD 201)

Daphnia toxicity:
EL50/Daphnia magna/48h: 5.4 mg/l (OECD 202)
Toxicity to fish:
LC50/Rainbow trout (Oncorhynchus mykiss)/96h: 4.5 mg/l (OECD 203)

CAS 36878-20-3 Bis(nonylphenyl)amine:
Toxicity to algae:
EC50/Desmodesmus subspicatus/72h: > 100 mg/l (OECD 201)
Daphnia toxicity:
EC50/Daphnia magna/48h: > 100 mg/l (OECD 202)
Toxicity to fish:
LC50/Brachydanio rerio/96h: > 100 mg/l (OECD 203)

Aquatic toxicity:
Chronic:
CAS 72623-87-1 Highly refined mineral oils:
NOEL/Pseudokirchneriella subcapitata/72h: >= 100 mg/l (OECD 201)
NOEL/Daphnia magna/21d: 10 mg/l (OECD 211)
NOEL/Rainbow trout (Oncorhynchus mykiss)/14d / 28d: > 1000 mg/l (QSAR Petrotox)
NOEL/Pimephales promelas/96h: > 100 mg/l (OECD 203)

12.2. Persistence and degradability

The product is difficult to biodegrade.

CAS 72623-87-1 Highly refined mineral oils:
Biological degradability: No data available.

CAS 36878-20-3 Bis(nonylphenyl)amine:
Biological degradability: 1 %, 28 d.

CAS 93819-94-4 Zinc bis(O-(6-methylheptyl)) bis(O-(sec-butyl)) bis(dithiophosphate):
Biological degradability: 1.5 %, 28 d - OECD 301 B

12.3. Bioaccumulative potential

CAS 72623-87-1 Highly refined mineral oils:
logPow: 4.1
CAS 93819-94-4 Zinc bis(O-(6-methylheptyl)) bis(O-(sec-butyl)) bis(dithiophosphate):
logPow: 0.9 (23°C)
CAS 36878-20-3 Bis(nonylphenyl)amine:
logPow: >7.6

12.4. Mobility in soil

Mobility in the ground is low.
Evaporates into the air. (small amounts)
Insoluble in water. The product floats on (waste) water.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Danger to drinking water already by leakage of small amounts into the subsoil.

Further information

Should not be released into the environment. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Disposal in accordance with the official regulations. Should not be released into the environment. Where possible recycling is preferred to disposal or incineration.
If necessary: Must be incinerated in a suitable incineration plant authorised under the Environmental Protection Act. Contact waste disposal services.

Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

Waste disposal number of used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Disposal in accordance with the official regulations. Packaging can be sent for recycling after being emptied and cleaned. Emtied containers can contain residues of product. Handle and open container with care. Keep away from heat and sources of ignition.
Notes on reconditioning: The latest product label must remain on the packaging until the container has been reconditioned.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	not regulated
14.2. UN proper shipping name:	not regulated
14.3. Transport hazard class(es):	not regulated
14.4. Packing group:	not regulated

Other applicable information (land transport)

Not classified as dangerous regarding transport regulations.

Inland waterways transport (ADN)

14.1. UN number:	not regulated
14.2. UN proper shipping name:	not regulated
14.3. Transport hazard class(es):	not regulated
14.4. Packing group:	not regulated

Other applicable information (inland waterways transport)

Not classified as dangerous regarding transport regulations.

Marine transport (IMDG)

14.1. UN number:	not regulated
14.2. UN proper shipping name:	not regulated
14.3. Transport hazard class(es):	not regulated
14.4. Packing group:	n.d.a.

Other applicable information (marine transport)

Not classified as dangerous regarding transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: not restricted

14.2. UN proper shipping name: not restricted

14.3. Transport hazard class(es): not restricted

14.4. Packing group: n.d.a.

Other applicable information (air transport)

Not classified as dangerous regarding transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Base oil – not specified

2010/75/EU (VOC): 0.004%

Additional information

No Substances of Very High Concern (SVHC) according REACH Articel 57.

National regulatory information

Additional information

The national regulations have to be complied with as necessary.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Section: 1, 15

Abbreviations and acronyms

n.a. = not applicable
n.d. = not determined
n.d.a. = no data available
ATE = Acute Toxicity Estimate
DNEL = Derived No Effect Level
PNEC = Predicted No-Effect Concentration
NOEL = No Observed Effect Level
NOEC = No-Observed-Effect-Concentration
NOAEL = No Observed Adverse Effect Level
LOAEL = Lowest Observed Adverse Effect Level
SADT = Self-Accelerating decomposition temperature
SVHC = substance of very high concern
VOC = Volatile organic compounds
IUCLID = International Uniform Chemical Information Database
OECD = Organization for Economic Co-operation and Development
EPA = Environmental Protection Agency
RTECS = Registry of Toxic Effects of Chemical Substances

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
CLP = Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EINECS = European Inventory of Existing Commercial Chemical Substances
ECHA = European Chemicals Agency

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains C-14-16-18 Alkyl phenol. May produce an allergic reaction.

Further Information

The information is based on present levels of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.
The product is to be used exclusively for the applications named in the technical data sheet or in the processing instructions.
The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)