

**XPET LA 1531-20**

Version number: 2.0  
Replaces version of: 2018-01-01 (1)

Revision: 2020-07-27

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

**1.1 Product identifier**

Trade name	<b>XPET LA 1531-20</b>
Identification of the substance	<b>Petrolatum (petroleum), oxidized</b>
Registration number (REACH)	01-2119557907-23-0000
EC number	265-206-7
CAS number	64743-01-7

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

Relevant identified uses	
Product category	PC14: metal surface treatment products, including galvanic and electroplating products
	PC24: lubricants, greases, release products
Sector of use	SU3: industrial uses: uses of substances as such or in preparations at industrial sites

**1.3 Details of the supplier of the safety data sheet**

Sonneborn Refined Products B.V. Mainhavenweg 6 1043 AL Amsterdam The Netherlands	
Telephone: +31 20 61 17475 Website: www.sonneborn.com	
e-mail (competent person)	QEHS@Sonneborn.com

**1.4 Emergency telephone number**

Emergency information service	+31 20 61 17475 This number is only available during the following office hours: Mon-Fri 09:00 - 17:00
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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)  
This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Remarks

The classification as a carcinogen is not mandatory. The full refining history is known and the substance from which it is produced is not a carcinogen

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008 (CLP)  
Not required.

**2.3 Other hazards**

Handling heated/molten product may cause burns.

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

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**SECTION 3: Composition/information on ingredients****3.1 Substances**

Name of substance	Petrolatum (petroleum), oxidized
Identifiers	
REACH Reg. No	01-2119557907-23-0000
CAS No	64743-01-7
EC No	265-206-7
Index No	649-255-00-5

**SECTION 4: First aid measures****4.1 Description of first aid measures**

## General notes

Do not leave affected person unattended. Remove victim out of the danger area. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

## Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

## Following skin contact

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

## Following eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

## Following ingestion

Rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms and effects are not known to date.

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

None.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

## Suitable extinguishing media

Water; Foam; Dry extinguishing powder; ABC-powder

## Unsuitable extinguishing media

Water jet.

**5.2 Special hazards arising from the substance or mixture**

## Hazardous combustion products

During fire hazardous fumes/smoke could be produced.

**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## Special protective equipment for firefighters

Self-contained breathing apparatus (EN 133). Standard protective clothing for firefighters.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

Remove persons to safety. Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

**6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill

Covering of drains. Take up mechanically.

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

**6.4 Reference to other sections**

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10.  
Disposal considerations: see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

**7.2 Conditions for safe storage, including any incompatibilities**

Managing of associated risks

- explosive atmospheres

Removal of dust deposits.

Control of effects

Protect against external exposure, such as

High temperatures. UV-radiation/sunlight.

Maintaining of the integrity of the substance or mixture

Avoid contact with oxidisers.

Consideration of other advice

Store in a well-ventilated place. Keep container tightly closed.

**7.3 Specific end use(s)**

There is no additional information.

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**National limit values**

No information available.

**Relevant DNELs/DMELs/PNECs and other threshold levels**

No data available.

**8.2 Exposure controls**

Appropriate engineering controls

Provide eyewash stations and safety showers at the workplace. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling the molten material.

Individual protection measures (personal protective equipment)

Eye/face protection



Use safety goggle with side protection (EN 166). Use heat resistant face shield when handling molten product.

Skin protection



Use heat-resistant overalls, with the pipes worn over the footwear when handling molten material.

- hand protection



Chemical protection gloves are suitable, which are tested according to EN 374. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Use heat resistant gloves when handling molten product.

- breakthrough times of the glove material

Use gloves with a minimum breakthrough times of the glove material: >480 minutes (permeation: level 6).

- other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

Breathing apparatus only in case of aerosol or mist formation. Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Brown/White).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

Physical state	solid (semi-solid)
Colour	brown - dark brown
Odour	characteristic

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**Other safety parameters**

pH (value)	not applicable
Melting point/freezing point	30 – 60 °C
Initial boiling point and boiling range	not determined
Flash point	>150 °C
Evaporation rate	not determined
Flammability (solid, gas)	this material is combustible, but will not ignite readily
Explosion limits of dust clouds	not determined
Vapour pressure	<0.1 Pa at 20 °C
Density	800 – 950 kg/m <sup>3</sup> at 100 °C
Vapour density	this information is not available

Solubility(ies)

- water solubility	insoluble
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Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not relevant (solid matter)
Explosive properties	none

**9.2 Other information**

There is no additional information.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

This material is not reactive under normal ambient conditions.

**10.2 Chemical stability**

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

**10.5 Incompatible materials**

There is no additional information.

**10.6 Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Classification according to GHS (1272/2008/EC, CLP)**

This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

**Acute toxicity**

Shall not be classified as acutely toxic.

Acute toxicity			
Exposure route	Endpoint	Value	Species
oral	LD50	>5,000 mg/kg	rat
dermal	LD50	>2,000 mg/kg	rabbit

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin. (OECD Guideline 404; Rabbit; 24 & 72h).

**Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant. (OECD Guideline 405; Rabbit; 24 & 72h).

**Respiratory or skin sensitisation**

Shall not be classified as a respiratory or skin sensitiser. (OECD Guideline 406; Guinea pig; 24 & 72h).

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic. (OECD Guideline 471; Ames; In vitro)

**Carcinogenicity**

Shall not be classified as carcinogenic. (OECD Guideline 471; Dermal; Mouse)

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant. (OECD Guideline 415: Rat; Oral; NOAEL > 2000mg/kg/day).

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard. Inhalation of oil droplets or aerosols may cause discomfort and may produce chemical inflammation of the lungs.

**SECTION 12: Ecological information****12.1 Toxicity**

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)			
Endpoint	Value	Species	Exposure time
LL50	>100 mg/l	fish	96 h
EL50	>10,000 mg/l	aquatic invertebrates	24 h

**12.2 Persistence and degradability**

Data are not available.

**12.3 Bioaccumulative potential**

Data are not available.

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**12.4 Mobility in soil**

Data are not available.

**12.5 Results of PBT and vPvB assessment**

According to the results of its assessment, this substance is not a PBT or a vPvB.

**12.6 Other adverse effects**

Data are not available.

Endocrine disrupting potential

Not listed.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: Transport information**

- 14.1 UN number** not subject to transport regulations
- 14.2 UN proper shipping name** not relevant
- 14.3 Transport hazard class(es)** none
- 14.4 Packing group** not assigned to a packing group
- 14.5 Environmental hazards** non-environmentally hazardous acc. to the dangerous goods regulations
- 14.6 Special precautions for user**  
There is no additional information.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**  
No data available.

**Information for each of the UN Model Regulations**

**Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**

Not subject to ADR, RID and ADN.

**International Maritime Dangerous Goods Code (IMDG)**

Not subject to IMDG.

**International Civil Aviation Organization (ICAO-IATA/DGR)**

Not subject to ICAO-IATA.

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**SECTION 15: Regulatory information**

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

**Relevant provisions of the European Union (EU)**

**Restrictions according to REACH, Annex XVII**

Not listed.

**List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list**

Not listed.

**Seveso Directive**

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

**Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)**

Not listed.

**Water Framework Directive (WFD)**

List of pollutants (WFD)				
Name of substance	Name acc. to inventory	CAS No	Listed in	Remarks
Petrolatum (petroleum), oxidized	Substances and preparations, or the breakdown products of such, which have been proved to possess carcinogenic or mutagenic properties or properties which may affect steroidogenic, thyroid, reproduction or other endocrine-related functions in or via the aquatic environment		A)	

Legend

A) Indicative list of the main pollutants

**Regulation 98/2013/EU on the marketing and use of explosives precursors**

Not listed.

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**SECTION 16: Other information**

**Indication of changes (revised safety data sheet)**

Complete revision of the safety data sheet.

**Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures



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Abbr.	Descriptions of used abbreviations
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
SVHC	Substance of Very High Concern
vPvB	Very Persistent and very Bioaccumulative

**Key literature references and sources for data**

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.