



# XTS 0W20 BARDAHL

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Reference number: 36331

Issue date: 17-03-17 Revision date: 12-08-20 Supersedes version of: 04-03-20 Version: 1.2

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

### 1.1. Product identifier

Product form : Mixture  
Product name : XTS 0W20 BARDAHL  
Product code : 36331 # 7313633VR3  
Type of product : Lubricants and additives

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

#### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Function or use category : Lubricants and additives

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### Distributor

SADAPS BARDAHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI - BELGIQUE  
T +32 (0).69.59.03.60 - F +32 (0).69.59.03.61  
[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahl.fr](http://www.bardahl.fr)

#### Supplier

SADAPS BARDAHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
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[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahl.fr](http://www.bardahl.fr)

### 1.4. Emergency telephone number

Emergency number : + 32 (0)70.245.245 / +33 (0)1.45.42.59.59

| Country              | Organisation/Company   | Address   | Emergency number   | Comment |
|----------------------|--|---|--|---------|
| Ireland              | National Poisons Information Centre<br>Beaumont Hospital   | PO Box 1297<br>Beaumont Road<br>9 Dublin                    | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| Malta                | Medicines & Poisons Info Office  | Mater Dei Hospital<br>MSD Msida                             | +356 2545 6504   |         |
| Saudi Arabia         | Poison Control Center-Riyadh   | General Directorate of Health<br>Affairs<br>Medial Province | +966 112324180<br>+966 112324189   |         |
| United Arab Emirates | Health Authority – Abu Dhabi (HAAD)<br>Poison & Drug Information Center<br>(PDIC)                | P.O. Box 5674<br>Abu Dhabi                                  | + 800-424  |         |
| United Kingdom       | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London                             | +44 20 7188 7188   |         |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

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### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
Child-resistant fastening : Not applicable  
Tactile warning : Not applicable

## 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier   | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|----------|---|
| Distillates (petroleum), hydrotreated heavy paraffinic (Note L)  | (CAS-No.) 64742-54-7<br>(EC-No.) 265-157-1<br>(EC Index-No.) 649-467-00-8<br>(REACH-no) 01-2119484627-25 | 50 – 100 | Asp. Tox. 1, H304   |
| AMINES, POLYETHYLENEPOLY-, REACTION PRODUCTS WITH 1,3-DIOXOLAN-2-ONE AND SUCCINIC ANHYDRIDE MONOPOLYISOBUTENYL DERIVS. | (CAS-No.) 147880-09-9<br>(EC-No.) 604-611-9  | 1 – 2,5  | Aquatic Chronic 4, H413   |
| bis(nonylphenyl)amine  | (CAS-No.) 36878-20-3<br>(EC-No.) 253-249-4<br>(REACH-no) 01-2119488911-28                                | 1 – 2,5  | Aquatic Chronic 4, H413 (M=0)                                   |

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3. Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.  
First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
First-aid measures after skin contact : Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse.  
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Cool down the containers exposed to heat with a water spray.
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus and chemically protective clothing.
- Other information : Prevent liquid from entering sewers, watercourses, underground or low areas.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate area. Eliminate every possible source of ignition. Ensure adequate ventilation, especially in confined areas. Spill area may be slippery. Keep public away from danger area. Equip cleanup crew with proper protection.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Recover the product with absorbent material.
- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
- Other information : Spill area may be slippery.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13: "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not eat, drink or smoke when using this product.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Provide local exhaust or general room ventilation.

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|                              |  |
|------------------------------|--|
| Storage conditions           | : Store in a closed container. Keep out of frost.                    |
| Incompatible products        | : Oxidising agents.  |
| Heat and ignition sources    | : Keep away from naked flames/heat. Keep away from ignition sources. |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs.              |
| Storage area                 | : Store in a well-ventilated place. Store in a dry place.            |
| Special rules on packaging   | : Store in original container.                                       |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| XTS 0W20 BARDAHL                              |  |
|---|--|
| <b>EU - Occupational Exposure Limits</b>      |  |
| Local name                                    | Mineral oils (AHRMO)                                     |
| IOELV TWA (mg/m <sup>3</sup> )                | 5 mg/m <sup>3</sup> (inhalable fraction)                 |
| Notes   | (Year of adoption 2010)                                  |
| Regulatory reference                          | SCOEL Recommendations                                    |
| <b>Belgium - Occupational Exposure Limits</b> |  |
| Local name                                    | Huiles minérales (brouillards) # Olie (minerale-; nevel) |
| Limit value (mg/m <sup>3</sup> )              | 5 mg/m <sup>3</sup>                                      |
| Short time value (mg/m <sup>3</sup> )         | 10 mg/m <sup>3</sup>                                     |
| Regulatory reference                          | Koninklijk besluit/Arrêté royal 21/01/2020               |

### 8.2. Exposure controls

| Hand protection: |   |                   |                |             |            |
|------------------|---|-------------------|----------------|-------------|------------|
| Gloves. EN 374   |   |                   |                |             |            |
| Type             | Material  | Permeation        | Thickness (mm) | Penetration | Standard   |
| Gloves           | Nitrile rubber (NBR), Polyvinylchloride (PVC), Neoprene rubber (HNBR) | 6 (> 480 minutes) | >0.35          |             | EN ISO 374 |

| Eye protection:   |
|---|
| Safety glasses. EN 166. Safety goggles recommended during refilling |

| Skin and body protection:         |
|-----------------------------------|
| Wear suitable protective clothing |

| Respiratory protection:                    |
|--|
| Good ventilation of the workplace required |

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Oily.                        |
| Colour  | : brown.                       |
| Odour   | : characteristic.              |
| Odour threshold                                 | : No data available            |
| pH  | : No data available            |
| Relative evaporation rate (butylacetate=1)      | : No data available            |
| Melting point                                   | : No data available            |
| Freezing point                                  | : No data available            |
| Boiling point                                   | : No data available            |
| Flash point                                     | : 222 °C                       |
| Auto-ignition temperature                       | : No data available            |
| Decomposition temperature                       | : No data available            |
| Flammability (solid, gas)                       | : No data available            |
| Vapour pressure                                 | : No data available            |
| Relative vapour density at 20 °C                | : No data available            |
| Relative density                                | : No data available            |
| Density   | : 0,843 g/cm <sup>3</sup> 20°C |
| Solubility                                      | : insoluble in water.          |
| Partition coefficient n-octanol/water (Log Pow) | : No data available            |
| Viscosity, kinematic                            | : 44 mm <sup>2</sup> /s (40°C) |
| Viscosity, dynamic                              | : No data available            |
| Explosive properties                            | : Product is not explosive.    |
| Oxidising properties                            | : No data available            |
| Explosive limits                                | : No data available            |

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions. To avoid thermal decomposition, do not overheat.

### 10.3. Possibility of hazardous reactions

React in contact of. Strong oxidizing agents.

### 10.4. Conditions to avoid

Heat. Open flame. Sparks. Water, humidity. Freezing.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                   |                      |
|-----------------------------------|----------------------|
| Acute toxicity (oral)             | : Not classified     |
| Acute toxicity (dermal)           | : Not classified     |
| Acute toxicity (inhalation)       | : Not classified     |
| Skin corrosion/irritation         | : Not classified     |
| Serious eye damage/irritation     | : Not classified     |
| Respiratory or skin sensitisation | : Not classified     |
| Germ cell mutagenicity            | : Not classified     |
| Carcinogenicity                   | : < 3% DMSO (IP 346) |
| Reproductive toxicity             | : Not classified     |
| STOT-single exposure              | : Not classified     |
| STOT-repeated exposure            | : Not classified     |
| Aspiration hazard                 | : Not classified     |

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|                      |                              |
|----------------------|------------------------------|
| Viscosity, kinematic | 44 mm <sup>2</sup> /s (40°C) |
|----------------------|------------------------------|

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |  |
|--|--|
| Waste treatment methods                    | : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Sewage disposal recommendations            | : Do not discharge into drains or the environment.   |
| Product/Packaging disposal recommendations | : Collect all waste in suitable and labelled containers and dispose according to local legislation.  |
| Additional information                     | : Empty the packaging completely prior to disposal. Do not re-use empty containers.  |

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Ecology - waste materials : Do not discharge the product into the environment.  
European List of Waste (LoW) code : 13 02 05\* - mineral-based non-chlorinated engine, gear and lubricating oils

### SECTION 14: Transport information

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

| ADR                                     | IMDG           | IATA           | RID            |
|---|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Rail transport

Not applicable

### 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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 0 %

##### 15.1.2. National regulations

#### France

Occupational diseases : RG 36 - Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse  
RG 49 - Affections cutanées provoquées par les amines aliphatiques, alicycliques ou les éthanolamines

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### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

SZW-lijst van kankerverwekkende stoffen : Distillates (petroleum), hydrotreated heavy paraffinic is listed

SZW-lijst van mutagene stoffen : Distillates (petroleum), hydrotreated heavy paraffinic is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| Asp. Tox. 1       | Aspiration hazard, Category 1                                     |
| H304              | May be fatal if swallowed and enters airways.                     |
| H413              | May cause long lasting harmful effects to aquatic life.           |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.