# SAFETY DATA SHEET

**according to Regulation (EC) No. 1907/2006**

**SDS # :** 082430

# CARTER SG 100

**Date of the previous version:** not applicable **Revision Date:** 2020-07-14 **Version** 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product name** **CARTER SG 100**
**Number** CV1
**Substance/mixture** Mixture

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

**Identified uses** Industrial gear oil.

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

**Supplier**

A - TOTAL UK LIMITED
183 Eversholt St, Kings Cross
London, NW1 1BU
UNITED KINGDOM
Tel: +44 (0)20 7339 8000
Fax: +44 (0)20 7339 8033

B - TOTAL LUBRIFIANTS
562 Avenue du Parc de L'ile
92029 Nanterre Cedex
FRANCE
Tél: +33 (0)1 41 35 40 00
Fax: +33 (0)1 41 35 84 71

**For further information, please contact:**

**Contact Point** A - HSE

B - HSE

**E-mail Address** A - rm.gb-msds@total.co.uk

B - rm.msds-lubs@total.com

### 1.4. Emergency telephone number

Emergency telephone: +44 1235 239670

UK: National Poisons Information Service (NPIS): NHS on 111 or a doctor

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

**REGULATION (EC) No 1272/2008**
*For the full text of the H-Statements mentioned in this Section, see Section 2.2.*

**Classification**
The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

## 2.2. Label elements

**Labelled according to** REGULATION (EC) No 1272/2008

**Signal word**
None

**Hazard Statements**
None

**Precautionary statements**
None

**Supplemental Hazard Statements**
EUH210 - Safety data sheet available on request

EUH208 - Contains 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-7-oxo-8-oxa-3,5-dithia-4-phosphatetradecanoate 4-oxide. May produce an allergic reaction

## 2.3. Other hazards

**Physical-Chemical Properties** Contaminated surfaces will be extremely slippery.

**Environmental properties** The product may form an oil film on the water surface that may stop the oxygen exchange.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixture

**Chemical nature** The product is made from synthetic base oils.

**Hazardous components**

| Chemical Name | EC-No | REACH Registration Number | CAS-No | Weight % | Classification (Reg. 1272/2008) |
|---|---|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | 270-128-1 | 01-2119491299-23 | 68411-46-1 | 1-<2.5 | Aquatic Chronic 3 (H412) |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxy phenyl)propionate | 406-040-9 | 01-0000015551-76 | 125643-61-0 | 1-<2.5 | Aquatic Chronic 4 (H413) |
| 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl) | 280-479-2 | no data available | 83547-95-9 | 0.25-<1 | Skin Irrit. 2 (H315)<br>Skin Sens. 1 (H317) |

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

| | | | | | |
|---|---|---|---|---|---|
| oxy]-2-oxoethyl]thio]-7-oxo-8-oxa-3,5-dithia-4-phosphatetradecanoate 4-oxide | | | | | Aquatic Chronic 2 (H411) |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives | 421-820-9 | 01-2119480426-35 | 192268-65-8 | 0.3-<1 | Repr. 2 (H361d)<br>Aquatic Chronic 4 (H413) |

**For the full text of the H-Statements mentioned in this Section, see Section 16.**

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General advice** IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. High pressure jets may cause skin damage. Take victim immediately to hospital.

**Inhalation** Remove casualty to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.

**Ingestion** Clean mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control centre immediately.

**Protection of first-aiders** First aider needs to protect himself. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

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

**Eye contact** Based on available data, the classification criteria are not met.

**Skin contact** Based on available data, the classification criteria are not met. May produce an allergic reaction. High pressure injection of the products under the skin may have very serious consequences even though no symptom or injury may be apparent.

**Inhalation** Based on available data, the classification criteria are not met. Inhalation of vapours in high concentration may cause irritation of respiratory system.

**Ingestion** Based on available data, the classification criteria are not met. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

**Notes to physician** Treat symptomatically.

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** Carbon dioxide ($CO_2$). ABC powder. Foam. Water spray or fog.

**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

**Special hazard** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Combustion products include sulphur oxides ( SO2 and SO3 ) and Hydrogen sulphide H2S, Phosphorous oxides, Nitrogen oxides (NOx), Mercaptans.

### 5.3. Precautions for fire-fighters

**Special protective equipment for fire-fighters** Wear self-contained breathing apparatus and protective suit.

**Other information** Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**General Information** Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

### 6.2. Environmental precautions

**General Information** Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. Local authorities should be advised if significant spillages cannot be contained.

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

**Methods for containment** Dike to collect large liquid spills. If necessary dike the product with dry earth, sand or similar non-combustible materials.

**Methods for cleaning up** Dispose of contents/container in accordance with local regulation. In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations.

### 6.4. Reference to other sections

**Personal protective equipment** See Section 8 for more detail.

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

**Waste treatment** See section 13.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing.

**Prevention of fire and explosion** Take precautionary measures against static discharges.

**Hygiene measures** Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing is recommended. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product contaminated rags into workwear pockets.

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

**Technical measures/Storage conditions** Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep container tightly closed. Preferably keep in the original container. Otherwise, reproduce all the statutory information from the labels onto the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Store at room temperature. Protect from moisture.

**Materials to avoid** Strong oxidising agents.

### 7.3. Specific use(s)

**Specific use(s)** Please refer to Technical Data Sheet for further information.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parametres

**Exposure limits**

**Legend** See section 16

**Derived No Effect Level (DNEL)**

**DNEL Worker (Industrial/Professional)**

| Chemical Name | Short term, systemic effects | Short term, local effects | Long term, systemic effects | Long term, local effects |
|---|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | | | 0.60 mg/m³ (Inhalation)<br>0.080 mg/kg bw/day (Dermal) | |

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

| | | | | |
|---|---|---|---|---|
| 68411-46-1 | | | | |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 125643-61-0 | | | 0.5 mg/kg Dermal<br>3.5 mg/m³ Inhalation | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives 192268-65-8 | | | 0.590 mg/m³ (inhalation)<br>0.170 mg/kg bw/day (dermal) | |

**DNEL Consumer**

| Chemical Name | Short term, systemic effects | Short term, local effects | Long term, systemic effects | Long term, local effects |
|---|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1 | | | 0.14 mg/m³ (Inhalation)<br>0.040 mg/kg bw/day (Dermal)<br>0.040 mg/kg bw/day (Oral) | |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 125643-61-0 | | | 0.25 mg/kg Dermal<br>0.25 mg/kg Oral | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives 192268-65-8 | | | 0.140 mg/m³ (inhalation)<br>0.080 mg/kg bw/day (dermal)<br>0.080 mg/kg bw/day (oral) | |

**Predicted No Effect Concentration (PNEC)**

| Chemical Name | Water | Sediment | Soil | Air | STP | Oral |
|---|---|---|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1 | 0.0338 mg/l (fw)<br>0.00338 mg/l (mw) | 0.446 mg/kg (fw)<br>0.0446 mg/kg (mw) | 1.76 mg/kg soil dw | | 1 mg/l | |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate 125643-61-0 | 0.01 mg/l fw<br>0.001 mg/l mw<br>1 mg/l or | 0.37 mg/kg dw fw<br>0.037 mg/kg dw mw | 3.16 mg/kg | | 10 mg/l | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives 192268-65-8 | 0.000440 mg/l (fw)<br>0.000044 mg/l (mw) | 8.99 - 2 250 mg/kg sediment dw (fw)<br>0.899 - 225 mg/kg sediment dw (mw) | 1.79 mg/kg soil dw | | 32 mg/l | |

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

## 8.2. Exposure controls

**Occupational Exposure Controls**

**Engineering measures**

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

**Personal protective equipment**

**General Information**

Protective engineering solutions should be implemented and in use before personal protective equipment is considered. The personal protective equipment (PPE) recommendations apply to the product AS DELIVERED. In case of mixtures or formulations, it is suggested that you contact the relevant PPE suppliers.

**Respiratory protection**

None under normal use conditions. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapour/particulate (EN 14387). Type A/P1. Warning ! filters have a limited use duration. The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.

**Eye protection**

If splashes are likely to occur, wear:. Safety glasses with side-shields. EN 166.

**Skin and body protection**

Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing. Type 4/6.

**Hand protection**

Hydrocarbon-proof gloves. Fluorinated rubber. Nitrile rubber. In case of prolonged contact with the product, it is recommended to wear gloves complying with EN 420 and EN 374 standards, protecting at least for 480 minutes and having a thickness of 0,38 mm at least. These values are indicative only. The level of protection is provided by the material of the glove, its technical characteristics, its resistance to the chemicals to be handled, the appropriateness of its use and its replacement frequency. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Environmental exposure controls**

**General Information**

The product should not be allowed to enter drains, water courses or the soil.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

| | |
|---|---|
| **Appearance** | Clear |
| **Colour** | No information available |
| **Physical state @20°C** | liquid |
| **Odour** | characteristic |
| **Odour Threshold** | No information available |

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

| Property | Values | Remarks | Method |
|---|---|---|---|
| **pH** | | Not applicable | |
| **Melting point/range** | | Not applicable | |
| **Boiling point/boiling range** | | No information available | |
| **Flash point** | **246 °C**<br>475 °F | | Cleveland Open Cup (COC)<br>Cleveland Open Cup (COC) |
| **Evapouration rate** | | No information available | |
| **Flammability Limits in Air** | | | |
| **Upper** | | No information available | |
| **Lower** | | No information available | |
| **Vapour pressure** | | No information available | |
| **Vapour density** | | No information available | |
| **Relative density** | 1.030 - 1.050 | @ 15 °C | ISO 12185 |
| **Density** | 1030 - 1050 kg/m³ | @ 15 °C | ISO 12185 |
| **Water solubility** | | miscible | |
| **Solubility in other solvents** | | No information available | |
| **logPow** | | No information available | |
| **Autoignition temperature** | | No information available | |
| **Decomposition temperature** | | No information available | |
| **Viscosity, kinematic** | 90 - 110 mm2/s | @ 40 °C | ISO 3104 |
| **Explosive properties** | Not explosive | | |
| **Oxidising properties** | Not applicable | | |
| **Possibility of hazardous reactions** | None under normal processing | | |

### 9.2. Other information

**Freezing point** No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

**General Information** None under normal processing.

### 10.2. Chemical stability

**Stability** Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions** No dangerous reaction known under conditions of normal use.

### 10.4. Conditions to avoid

**Conditions to avoid** Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat and sparks.

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

## 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

## 10.6. Hazardous Decomposition Products

**Hazardous Decomposition Products** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. Combustion products include sulphur oxides ( SO2 and SO3 ) and Hydrogen sulphide H2S, Phosphorous oxides, Nitrogen oxides (NOx), Mercaptans.

## Section 11: TOXICOLOGICAL INFORMATION

## 11.1. Information on toxicological effects

**Acute toxicity Local effects Product Information**

**Skin contact** . Based on available data, the classification criteria are not met. May produce an allergic reaction. High pressure injection of the products under the skin may have very serious consequences even though no symptom or injury may be apparent.

**Eye contact** . Based on available data, the classification criteria are not met.

**Inhalation** . Based on available data, the classification criteria are not met. Inhalation of vapours in high concentration may cause irritation of respiratory system.

**Ingestion** . Based on available data, the classification criteria are not met. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**ATEmix (inhalation-dust/mist)** 357.90 mg/l

**Acute toxicity - Component Information**

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | LD50 > 5000 mg/kg Oral (Rat-OECD 401) | LD50 > 2000 mg/kg Dermal (Rat-OECD 402) | |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | LD50 rat > 2000 mg/kg (Rat - OECD 401) | LD50 > 2000 mg/kg (Rat - OECD 402) | |
| 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-7-oxo-8-oxa-3,5-dithia-4-phosphatetradecanoate 4-oxide | LD50 3313 mg/kg (Rat) | LD50 > 2000 mg/kg (Rabbit) | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives | LD50 >2000 mg/kg bw (rat) | LD50 >2000 mg/kg bw (rat) | |

**Sensitisation**

**Sensitisation** Based on available data, the classification criteria are not met. Contains senitizer(s). May produce an allergic reaction.

**Specific effects**

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Mutagenicity** .

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met. Contains toxic substance(s) listed as toxic to reproduction.

| Chemical Name | European Union |
|---|---|
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives<br>192268-65-8 | Repr. 2 (H361d) |

**Repeated dose toxicity**

**Target Organ Effects (STOT)**

**Specific target organ systemic toxicity (single exposure)** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration toxicity** Based on available data, the classification criteria are not met.

**Other information**

**Other adverse effects** Characteristic skin lesions (oil blisters) may develop following prolonged and repeated exposures (contact with contaminated clothing).

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

**Acute aquatic toxicity - Product Information**

No information available.

**Acute aquatic toxicity - Component Information**

| Chemical Name | Toxicity to algae | Toxicity to daphnia and other aquatic invertebrates. | Toxicity to fish | Toxicity to microorganisms |
|---|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene<br>68411-46-1 | EC50 >100 mg/l Desmodesmus subspicatus (OECD 201) | EC50 51 mg/l Daphnia magna (OECD 202) | LC50 >100 mg/l Danio rerio (OECD 203) | |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxy phenyl)propionate<br>125643-61-0 | EC50 (72 h) > 3 mg/l Scenedesmus (OECD201) | EC50 (24 h) > 100 mg/l Daphnia magna (OECD 202) | LC50 (96 h) > 74 mg/l Brachydanio rerio (OECD 203) | |
| 2-ethylhexyl | EC50 (72h) 3.1 mg/l (Algae) | EC50 (48h) 12.5 mg/l | LC50 (96h) 4.3 mg/l (Fish) | |

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

| | | | | |
|---|---|---|---|---|
| 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-7-oxo-8-oxa-3,5-dithia-4-phosphatetradecanoate 4-oxide 83547-95-9 | | (Daphnia magna) | | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives 192268-65-8 | EC50(72h) >100 mg/l (Scenedesmus subspicatus-Guideline ODCE 201) | EC50(48h) >100 mg/l (Daphnia magna-Guideline ODCE 202) | LC50(96h) >100 mg/l (Brachydanio rerio-Guideline ODCE 203) | EC20(3h) 403 mg/l (guideline ODCE 209 statique- boue activée) |

**Chronic aquatic toxicity - Product Information**
No information available.

**Chronic aquatic toxicity - Component Information**
.

| Chemical Name | Toxicity to algae | Toxicity to daphnia and other aquatic invertebrates. | Toxicity to fish | Toxicity to microorganisms |
|---|---|---|---|---|
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxy phenyl)propionate 125643-61-0 | | NOEC (21d) <= 0.01 mg/l Daphnia magna semi static (OECD 211) | | |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives 192268-65-8 | | NOEC(21d) >= 5,5 mg/l (Daphnia magna (Guideline ODCE 211, semi-statique) | | |

**Effects on terrestrial organisms**
No information available.

## 12.2. Persistence and Degradability

**General Information**
No information available

## 12.3. Bioaccumulative potential

**Product Information** No information available.

**logPow** No information available
**Component Information** .

| Chemical Name | log Pow |
|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene - 68411-46-1 | 5.2 - 10.82 @ 23 - 25 °C and pH 6.67 |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate - 125643-61-0 | 9.2 |
| A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives - 192268-65-8 | 4.8-8.8 @ 22 °C and pH 6.7 |

## 12.4. Mobility in soil

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

| | |
|---|---|
| **Soil** | Given its physical and chemical characteristics, the product generally shows low soil mobility. |
| **Air** | Loss by evaporation is limited. |
| **Water** | miscible. |

### 12.5. Results of PBT and vPvB assessment

| | |
|---|---|
| **PBT and vPvB assessment** | No information available. |

### 12.6. Other adverse effects

| | |
|---|---|
| **General Information** | No information available. |

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

| | |
|---|---|
| **Waste from residues / unused products** | Should not be released into the environment. Do not empty into drains. Dispose of in accordance with the European Directives on waste and hazardous waste. Where possible recycling is preferred to disposal or incineration. After use, this oil must be sent to a licensed waste oil facility. Incorrect disposal of used oil poses a risk to the environment. Mixture with other waste types such as solvents, brake- and cooling liquids is forbidden. |
| **Contaminated packageing** | Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| **EWC Waste Disposal No** | According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used. The following Waste Codes are only suggestions:. 13 02 06. |
| **Other information** | Refer to section 8 for safety and protective measures for disposal personnel. |

## Section 14: TRANSPORT INFORMATION

| | |
|---|---|
| ADR/RID | not regulated |
| IMDG/IMO | not regulated |
| ICAO/IATA | not regulated |
| ADN | not regulated |

## Section 15: REGULATORY INFORMATION

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

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

### European Union

**REACH**
All substances contained in this mixture have been pre-registered, registered or are exempt from registration in accordance with Regulation (CE) No. 1907/2006 (REACh)

**International Inventories**

All the substances contained in this product are listed or exempted from listing in the following inventories:
Canada (DSL/NDSL)
Korea (KECL)
Australia (AICS)
China (IECSC)
U.S.A. (TSCA)

### Further information

No information available

## 15.2. Chemical Safety Assessment

**Chemical Safety Assessment** No information available

## 15.3. National regulatory information

**The United Kingdom**

• Avoid exceeding occupational exposure limits (see section 8).

**Ireland**

• Avoid exceeding occupational exposure limits (see section 8).

## Section 16: OTHER INFORMATION

**Full text of H-Statements referred to under sections 2 and 3**
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H361d - Suspected of damaging the unborn child
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects
H413 - May cause long lasting harmful effects to aquatic life

**Abbreviations, acronyms**
ACGIH = American Conference of Governmental Industrial Hygienists
bw = body weight

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

bw/day = body weight/day
EC x = Effect Concentration associated with x% response
GLP = Good Laboratory Practice
IARC = International Agency for Research of Cancer
LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one half) of a group of test animals
LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals
LL = Lethal Loading
NIOSH = National Institute of Occupational Safety and Health
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOEL = No Observed Effect Level
OECD = Organization for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
UVCB = Substance of unknown or Variable composition, Complex reaction products or Biological material
ATE = Acute Toxicity Estimate
QSAR = Quantitative Structure-Activity Relationship
EL50 = median Effective Loading
NOELR = No Observed Effect Loading Rate
PAH = Polycyclic aromatic hydrocarbons
LOEC = Lowest Observed Effect Concentration
PVA = Polyvinyl alcohol
PVC = Polyvinyl chloride
ECOSAR = Ecological Structure Activity Relationships
CNS = Central nervous system
EPA = Environmental Protection Agency
ErL50 = effective loading on growth rate in algae test, to cause a 50% response
EbL50 = effective loading on growth with the control in algae test, to cause a 50% response
DNEL = Derived No Effect Level
PNEC = Predicted No Effect Concentration
dw = dry weight
fw = fresh water
mw = marine water
or = occasional release

**Legend** Section 8

OEL = Occupational Exposure Limit
TWA: Time Weight Average
STEL: Short Time Exposure Limit
PEL: Permissible exposure limit
REL: Recommended exposure limit
TLV: Threshold Limit Values

| | | | |
|---|---|---|---|
| + | Sensitiser | * | Skin designation |
| ** | Hazard Designation | C: | Carcinogen |
| M: | Mutagen | R: | Toxic to reproduction |

**Revision Date:** 2020-07-14
**Revision Note** *** Indicates updated section.
**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**SDS # :** 082430

# CARTER SG 100

**Revision Date:** 2020-07-14 **Version** 1

**This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above.It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity.The user bears sole liability for the precautions required when using the product.The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive.It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.**

**End of Safety Data Sheet**