

FS VC 0W/30

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name FS VC 0W/30
Product code 0516, 0521, 0522, 0523, 0524
Unique Formula Identifier (UFI) 66K1-W06A-U004-EDHS

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

Identified Use(s) Lubricating oil
Uses Advised Against Not known.

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

Company Identification Granville Oil & Chemicals Ltd
Address of Manufacturer 29 Goldthorpe Ind. Est.,
Goldthorpe,
Rotherham,
South Yorkshire,
Postal code S63 9BL
Telephone: +44 (0)1709 890099
Fax Not known.
E-mail lab@granvilleoil.com
Office hours 08:00 - 17:00

Supplier

Company Identification Veedol Ireland Ltd
Address of Supplier 77 Camden Street Lower,
Saint Kevin's,
Dublin,
Ireland
Postal code D02 XE80,
Telephone: +353 151 363 47
Fax Not known.
E-mail lab@granvilleoil.com
Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1709 890099
Contact Granville Lab

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

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| | |
|-----------------------------------|---|
| Hazard Pictogram(s) | None. |
| Signal Word(s) | None. |
| Hazard Statement(s) | EUH208: Contains: (Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts) May produce an allergic reaction. |
| Precautionary Statement(s) | P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. |
| Unique Formula Identifier (UFI) | 66K1-W06A-U004-EDHS |
| 2.3 Other hazards | None known. |
| 2.4 Additional Information | None. |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. / REACH Registration No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|--|-------------|---------------------------------|-------|---|-------------------------|
| C18-C50 branched, cyclic and linear hydrocarbons – Distillates | 848301-69-9 | 619-569-7 | 20-30 | Asp. Tox. 1 H304 | GHS08 |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-basedBaseoil | 72623-86-0 | 276-737-9 | 50-70 | Asp. Tox. 1 H304 | GHS08 |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | | <3 | Skin Sens. 1B H317 | GHS07 |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts | 85940-28-9 | | <1 | Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411 | GHS05 GHS07 GHS09 |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | 68411-46-1 | | <1 | Repr. 2 H361f | GHS08 |
| diphenylamine | 122-39-4 | | <0.1 | Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS06 GHS08 GHS09 |

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| HAZARDOUS INGREDIENT(S) | CAS No. | Specific Concentration Limit | M-factor | ATE |
|-------------------------|----------|------------------------------|----------|---|
| diphenylamine | 122-39-4 | | | Acute Tox. 3 (H301) : 100 Acute Tox. 3 (H311) : 300 Acute Tox. 3 (H331) : 3.000 |

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES
4.1 Description of first aid measures

| | |
|--------------|---|
| Inhalation | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin Contact | Wash skin with water. |
| Eye Contact | Flush eyes with water for at least 15 minutes. |
| Ingestion | Do not induce vomiting wash out mouth with water. Get medical advice/attention if you feel unwell. |

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES
5.1 Extinguishing media

| | |
|--------------------------------|-------------------------------------|
| Suitable Extinguishing media | Foam, CO ₂ or dry powder |
| Unsuitable extinguishing media | None. |

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

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Adsorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Ensure adequate ventilation. Wear protective clothing as per section 8. Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating and drinking.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Store in a well-ventilated place. Keep cool.
 Storage life Stable under normal conditions.
 Incompatible materials Oxidizing agents.

7.3 Specific end use(s)

Lubricating oil

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits | | | | | | |
|------------------------------|----------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note |
| Diphenylamine | 122-39-4 | | 10 | | 20 | |

Region Source
 United Kingdom UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN ISO 16321-1).



Skin protection Wear Impervious Gloves (EN374)



Respiratory protection Normally no personal respiratory protection is necessary.

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Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

| | |
|--|--|
| Physical state | Liquid. |
| Colour | Amber. |
| Odour | Characteristic odour. |
| Melting point/freezing point | Not known. |
| Boiling point or initial boiling point and boiling range | Not known. |
| Flammability | Not known. |
| Lower and upper explosion limit | Not known. |
| Flash Point | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature | Not known. |
| pH | Not known. |
| Kinematic Viscosity | ≥50 mm ² /s 40 °C |
| Solubility | Solubility (Water): Not known. Solubility (Other): Not known. |
| Partition coefficient n-octanol/water (log value) | Not known. |
| Vapour pressure | Not known. |
| Density and/or relative density | Density (g/ml): 0.84 g/cm ³ - Relative density: 15 °C |
| Relative vapour density | Not known. |
| Particle characteristics | Not known. |

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

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No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| | |
|--------------------------------|---|
| Acute toxicity - Ingestion | Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1388888.88 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 4166666.75 |
| Acute toxicity - Inhalation | Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 41666.67 |
| Skin corrosion/irritation | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Not classified. |
| Skin sensitization data | Self classification: Not classified. |
| Respiratory sensitization data | Calculation method : Not classified. |
| Germ cell mutagenicity | Calculation method : Not classified. |
| Carcinogenicity | Calculation method : Not classified. |
| Reproductive toxicity | Calculation method : Not classified. |
| Lactation | Calculation method : Not classified. |
| STOT - single exposure | Calculation method : Not classified. |
| STOT - repeated exposure | Calculation method : Not classified. |
| Aspiration hazard | Calculation method : Not classified. |

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

| | |
|------------------------------------|--------------------------------|
| Toxicity - Aquatic invertebrates | Low toxicity to invertebrates. |
| Toxicity - Fish | Low toxicity to fish. |
| Toxicity - Algae | Low toxicity to algae. |
| Toxicity - Sediment Compartment | Not classified. |
| Toxicity - Terrestrial Compartment | Not classified. |

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

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None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose at suitable refuse site. Dispose of contents in accordance with local, state or national legislation. Dispose of this container to hazardous or special waste collection point. Avoid release to the environment.

13.2 Additional Information

No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION**Not classified as hazardous for transport.****14.1 UN number or ID number**

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Carcinogens: category 1B (72623-86-0), Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0), Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts (85940-28-9), diphenylamine (122-39-4), C18-C50 branched, cyclic and linear hydrocarbons – Distillates (848301-69-9)

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Community Rolling Action Plan (CoRAP) Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

None.

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Acute Tox. 3 : Acute toxicity, Category 3

Asp. Tox. 1 : Aspiration hazard, Category 1

Acute Tox. 3 : Acute toxicity, Category 3

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Skin Sens. 1B : Skin sensitization, Category 1B

Eye Dam. 1 : Serious eye damage/irritation, Category 1

Acute Tox. 3 : Acute toxicity, Category 3

Repr. 2 : Reproductive toxicity, Category 2

STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

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| | |
|--|---|
| Hazard Statement(s) | H301: Toxic if swallowed. H304: May be fatal if swallowed and enters airways. H311: Toxic in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H331: Toxic if inhaled. H361f: Suspected of damaging fertility. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. |
| Precautionary Statement(s) | None. |
| Acronyms | ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative |
| Key literature references and sources for data used to compile the SDS | Regulation (EC) No. 1272/2008 (CLP) |
| Training Advice | Regular safety training as appropriate |
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