

**Multi Hy-Vis 32**

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

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

Product Name Multi Hy-Vis 32  
Product code 6551, 6553  
Unique Formula Identifier (UFI) H3J0-M01V-9001-1QKN

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

Identified Use(s) Hydraulic 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 Granville Oil & Chemicals Ltd  
Address of Supplier 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

**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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|                                   |   |
|-----------------------------------|---|
| Product Name                      | Multi Hy-Vis 32   |
| Hazard Pictogram(s)               | None.   |
| Signal Word(s)                    | None.   |
| Hazard Statement(s)               | None.   |
| Precautionary Statement(s)        | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children. |
| Unique Formula Identifier (UFI)   | H3J0-M01V-9001-1QKN   |
| <b>2.3 Other hazards</b>          | None known.   |
| <b>2.4 Additional Information</b> | None.   |

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

| HAZARDOUS INGREDIENT(S)  | CAS No.    | EC No. / REACH<br>Registration No. | %W/W | Hazard Statement(s)   | Hazard<br>Pictogram(s)  |
|--|------------|------------------------------------|------|---|-------------------------|
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts | 85940-28-9 | 288-917-4                          | <1   | Skin Irrit. 2 H315<br>Eye Dam. 1 H318<br>Aquatic Chronic 2 H411 | GHS05<br>GHS07<br>GHS09 |

Contains no non-classified vPvB substances.

Contains no non-classified 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    | Wash out mouth with water.  |

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

None anticipated. Treat symptomatically.

**Multi Hy-Vis 32****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<sub>2</sub> or dry Powder.

Unsuitable extinguishing media                      Do not use water.

**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**

Do not release large quantities into the surface water or into drains.

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

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**

Not known.

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

Storage temperature                                      Ambient.

Storage life    Stable under normal conditions.

Incompatible materials                                      None known.

**7.3 Specific end use(s)**

Hydraulic Oil.

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

8.1.1 Occupational Exposure Limits                      No Occupational Exposure Limit assigned.

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls                      Ensure adequate ventilation.

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## 8.2.2. Personal protection equipment



Eye Protection      Wear eye protection with side protection (EN166).



Skin protection      Not normally required.



Respiratory protection      Normally no personal respiratory protection is necessary.



Thermal hazards      None known.

8.2.3. Environmental Exposure Controls      Do not release large quantities into the surface water or into drains.

**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  | >200 °C.   |
| Auto-ignition temperature                                | Not known.   |
| Decomposition Temperature                                | Not known.   |
| pH   | Not known.   |
| Kinematic Viscosity                                      | Not known.   |
| Solubility   | Solubility (Water) : Not known.<br>Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value)        | Not known.   |
| Vapour pressure  | Not known.   |
| Density and/or relative density                          | Not known.   |
| Relative vapour density                                  | Not known.   |
| Particle characteristics                                 | Not known.   |

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY**

**Multi Hy-Vis 32****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**

Not known.

**10.6 Hazardous decomposition products**

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. |
| Acute toxicity - Skin Contact  | Calculation method : Not classified. |
| Acute toxicity - Inhalation    | Calculation method : Not classified. |
| Skin corrosion/irritation      | Calculation method : Not classified. |
| Serious eye damage/irritation  | Calculation method : Not classified. |
| Skin sensitization data        | Calculation method : 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.                |

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|  |                 |
|--|-----------------|
| Toxicity - Terrestrial Compartment             | Not classified. |
| <b>12.2 Persistence and degradability</b>      | Not known.      |
| <b>12.3 Bioaccumulative potential</b>          | Not known.      |
| <b>12.4 Mobility in soil</b>                   | Not known.      |
| <b>12.5 Results of PBT and vPvB assessment</b> | Not known.      |
| <b>12.6 Endocrine disrupting properties</b>    | None known.     |
| <b>12.7 Other adverse effects</b>              | Not known.      |

**SECTION 13: DISPOSAL CONSIDERATIONS**

|                                     |   |
|-------------------------------------|---|
| <b>13.1 Waste treatment methods</b> | Dispose at suitable refuse site.                      |
| <b>13.2 Additional Information</b>  | No special precautions are required for this product. |

**SECTION 14: TRANSPORT INFORMATION**

Not classified as hazardous for transport.

|   |                                       |
|---|---------------------------------------|
| <b>14.1 UN number or ID number</b>                                  | Not applicable                        |
| <b>14.2 UN proper shipping name</b>                                 | Not applicable                        |
| <b>14.3 Transport hazard class(es)</b>                              | Not applicable                        |
| <b>14.4 Packing group</b>   | Not applicable                        |
| <b>14.5 Environmental hazards</b>                                   | Not classified as a Marine Pollutant. |
| <b>14.6 Special precautions for user</b>                            | Not known                             |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not known                             |

**SECTION 15: REGULATORY INFORMATION**

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

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## 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 subject to authorisation 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 (74869-22-0), Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts (85940-28-9)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

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Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

**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

GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

Hazard classification

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

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

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

Hazard Statement(s)

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

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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 Regulation (EC) No. 1272/2008 (CLP)  
data used to compile the SDS

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