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

1.1. Product identifier

Product form : Mixture
Product name : ENOC HISPIN 15
Product code : 246002

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

1.2.1. Relevant identified uses

Use of the substance/mixture : High speed machine Oil

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ENOC Marketing L.L.C
ENOC House I
Dubai - United Arab Emirates
T +971 4 313 4613 - F +971 4 313 4616

1.4. Emergency telephone number

Emergency number : +97143374400 (business hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aspiration hazard, Category 1 H304

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) : [GHS08]

Signal word (CLP) : Danger

Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways

Precautionary statements (CLP) : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Not applicable
ENOC HISPIN 15
Safety Data Sheet
according to Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
</table>
| Distillates, petroleum, solvent-refined light paraffinic | (CAS No) 64741-89-5  
| | (EC no) 265-091-3  
| | (EC index no) 649-455-00-2 | 60 | Acute Tox. 4 (Inhalation: dust, mist), H332  
| | | | Asp. Tox. 1, H304 |
| -Distillates (petroleum), hydrotreated heavy paraffinic  
(POE L) | (CAS No) 64742-54-7  
| | (EC no) 265-157-1  
| | (EC index no) 649-467-00-8  
| | (REACH no) 01-2119484627-25-0025; 01-2119484627-25  
| | | | 01-2119471299-27-0019; 01-2119471299-27  
| | | | 01-2119471299-27  |
| Zinc alkyl dithiophosphate | (CAS No) 86649-42-3  
| | (EC no) 272-028-3  
| | (REACH no) 01-2119657973-2 | 0.3 | Eye Dam. 1, H318  
| | | | Aquatic Chronic 2, H411 |

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 asphaltestone 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 after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact: Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Do not induce vomiting. Never give anything by mouth. Get medical attention. Caution if victim vomits: Risk of aspiration!

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

Symptoms/injuries after inhalation: May cause irritation to the respiratory tract. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact: Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage. May cause skin irritation / dermatitis.

Symptoms/injuries after eye contact: May cause eye irritation.

Symptoms/injuries after ingestion: Caution if victim vomits: Risk of aspiration!

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: carbon dioxide (CO2), water, dry chemical powder.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: None known.

Explosion hazard: None known.

Hazardous decomposition products in case of fire: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Aldehydes. Sulfur oxides.

5.3. Advice for firefighters

Firefighting instructions: Cool down the containers exposed to heat with a water spray.


SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment: Wear personal protection equipment.

Emergency procedures: Evacuate area. Avoid contact with skin, eyes and clothes.

6.1.2. For emergency responders


Emergency procedures: Evacuate and limit access. Stop leak if safe to do so. Use ventilation/water spray/log to disperse vapours. Do not touch spilled material.
6.2. Environmental precautions
Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
For containment: Clean up any spills as soon as possible, using an absorbent material to collect it. For larger spills, dike area and pump into waste containers.
Methods for cleaning up: Collect all waste in suitable and labelled containers and dispose according to local legislation.

6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Additional hazards when processed: Handling this product may result in electrostatic accumulation. Use proper grounding procedures.
Precautions for safe handling: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Avoid static electricity discharges. Provide earthing of containers, equipment, pumps and ventilation facilities.
Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothes. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store in a dry, cool and well-ventilated place.
Special rules on packaging: Keep only in original container.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
No additional information available

8.2. Exposure controls
Appropriate engineering controls: Either local exhaust or general room ventilation is usually required.
Materials for protective clothing: Wear suitable protective clothing. Natural fibres (e.g. cotton)
Hand protection: Wear suitable gloves tested to EN374. Thickness of glove material: > 0.13 mm. Break through time: ≥ 480 min
Eye protection: Use splash goggles when eye contact due to splashing is possible. DIN EN 166
Respiratory protection: In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A/P2 filter or better

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties
Physical state: Liquid
Colour: Brown
Odour: Characteristics.
Odour threshold: No data available
pH: No data available
Relative evaporation rate (butyl acetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: 178 °C
Auto-ignition temperature: No data available
ENOC HISPIN 15
Safety Data Sheet
according to Regulation (EU) 2015/830

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: 0.8336 g/mL @ 15°C
Solubility: No data available
Log Pow: No data available
Viscosity, kinematic: 15 mm²/s @ 40°C
Viscosity, dynamic: No data available
Explosive properties: Not explosive. However, formation of explosive air/vapour mixtures are possible.
Oxidising properties: not oxidizing.
Explosive limits: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None known under normal conditions of use. No polymerization.

10.4. Conditions to avoid
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 15 g/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 5 g/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>2.18 mg/l/4h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: May be fatal if swallowed and enters airways.

ENOC HISPIN 15
Viscosity, kinematic: 15 mm²/s @ 40°C

SECTION 12: Ecological information

12.1. Toxicity

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>&gt; 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Component</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</td>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Regional legislation (waste): Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.
Waste treatment methods: Can be incinerated according to local regulations.
Waste disposal recommendations: Dispose of this material and its container to hazardous or special waste collection point.
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

14.1. UN number
UN-No. (ADR): Not applicable
UN-No. (IMDG): Not applicable
UN-No. (IATA): Not applicable
UN-No. (ADN): Not applicable
UN-No. (RID): Not applicable

14.2. UN proper shipping name
Proper Shipping Name (ADR): Not applicable
Proper Shipping Name (IMDG): Not applicable
Proper Shipping Name (IATA): Not applicable
Proper Shipping Name (ADN): Not applicable
Proper Shipping Name (RID): Not applicable

14.3. Transport hazard class(es)
ADR
Transport hazard class(es) (ADR): Not applicable

IMDG
Transport hazard class(es) (IMDG): Not applicable

IATA
Transport hazard class(es) (IATA): Not applicable

ADN
Transport hazard class(es) (ADN): Not applicable

RID
Transport hazard class(es) (RID): Not applicable

14.4. Packing group
Packing group (ADR): Not applicable
Packing group (IMDG): Not applicable
ENOC HISPIN 15
Safety Data Sheet
according to Regulation (EU) 2015/830

Packing group (IATA): Not applicable
Packing group (ADN): Not applicable
Packing group (RID): Not applicable

14.5. Environmental hazards
Dangerous for the environment: No
Marine pollutant: No
Other information: No supplementary information available

14.6. Special precautions for user
- Overland transport
Not applicable
- Transport by sea
Not applicable
- Air transport
Not applicable
- Inland waterway 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

Other information, restriction and prohibition regulations
International regulatory information:
AICS: Australia. Inventory of Chemical Substances (AICS) (as amended through 2 February 2016)
CAS RN: 64741-89-5
Name: Distillates, petroleum, solvent-refined light paraffinic
Notes: This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.
DSL: Canada. Domestic Substances List (DSL), as amended through February 10, 2016
CAS RN: 64741-89-5
Name: Distillates, petroleum, solvent-refined light paraffinic
Canada. Ontario Inventory (incomplete), based on TSCA Initial Inventory (1979), Appendix A, Chemical Substance Identities, and TSCA Inventory Supplement 1 (1980)
CAS RN: 64741-89-5
Name: Distillates (petroleum), solvent-refined light paraffinic
Molecular formula: Unspecified
Substance definition: A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C).
Japan: Inventory of Existing & New Chemical Substances (ENCS), as amended through July 30, 2015
CAS RN: 64741-89-5
Name: Distillates, petroleum, solvent-refined light paraffinic
Japanese ENCS Number: (9)-1700
Notes: This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.
Japan. Industrial Safety & Health Law (ISHL) Inventory, as amended through September 25, 2015
CAS RN: 64741-89-5
Name: Distillates, petroleum, solvent-refined light paraffinic (en-US)
Japanese ISHL Number: (9)-1700
Notes iencs Grandfathered onto ISHL from ENCS according to the Chemical Substance Control Law ('Kashinho').


Name: Distillates (petroleum), solvent-refined light paraffinic

Korean ID Number: KE-12620

TSCA: U.S. Federal, TSCA

TSCA IUR 2006, Partially Exempt Petroleum Process Streams (40 CFR 710.46(b)(1))

CAS RN: 64741-89-5

Name: DISTILLATES (PETROLEUM), SOLVENT-REFINED LIGHT PARAFFINIC

CAS RN: 64741-89-5 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: PARAFFIN OILS

TSCA CDR, Partially Exempt Petroleum Process Streams (40 CFR 711.6(b)(1)) (September 6, 2011)

CAS RN: 64741-89-5

Name: Distillates (petroleum), solvent-refined light paraffinic

CAS RN: 64741-89-5 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: Paraffin oils

TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (01/20/06)

CAS RN: 64741-89-5

Name: DISTILLATES, PETROLEUM, SOLVENT-REFINED LIGHT PARAFFINIC

1990 HPV Challenge Program Chemical

HPV Indicator Value (see notes): 0

HPV Sponsorship Value (see notes): F Notes

F Fully Sponsored Chemical

PICCS: Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2012

CAS RN: 64741-89-5

Name: Distillates (petroleum), solvent-refined light paraffinic

, International regulatory information:

AICS: Australia. Inventory of Chemical Substances (AICS) (as amended through 1 September 2015)

CAS RN: 64742-54-7

Name: Distillates, petroleum, hydrotreated heavy paraffinic

Note(s): U - This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.

DSL: Canada. Domestic Substances List (DSL), as amended through September 23, 2015

CAS RN: 64742-54-7

Name: Distillates, petroleum, hydrotreated heavy paraffinic

Canada. Categorization of Existing Substances on DSL (September 2006)

CAS RN: 64742-54-7

Name: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

Substance category: UORG

Meets CEPA criteria: Yes

Meets human health criteria: Yes

Human health priority: High

Meets environmental criteria: No

Persistent: Yes

Bioaccumulative: No

Inherently toxic to aquatic organisms: No

Notes: UVCBs-organic

ENCS: not listed

KECI: Korea. Existing Chemicals Inventory (KECI, January 27, 2015, amended through MoE 2015-95, July 1, 2015)

CAS RN: 64742-54-7

Name: Distillates (petroleum), hydrotreated heavy paraffinic

Korean ID Number: KE-12546

PICCS: Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2012

CAS RN: 64742-54-7

Name: Distillates (petroleum), hydrotreated heavy paraffinic

TSCA: U.S. Federal, TSCA

TSCA IUR 2006, Partially Exempt Petroleum Process Streams (40 CFR 710.46(b)(1))

CAS RN: 64742-54-7

Name: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

TSCA CDR, Partially Exempt Petroleum Process Streams (40 CFR 711.6(b)(1)) (September 6, 2011)

CAS RN: 64742-54-7

Name: Distillates (petroleum), hydrotreated heavy paraffinic

TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (01/20/06)

CAS RN: 64742-54-7

Name: DISTILLATES, PETROLEUM, HYDROTREATED HEAVY PARAFFINIC
1990 HPV Challenge Program Chemical
HPV Indicator Value (see notes): 0 Chemical is a candidate for sponsorship under the HPV Challenge Program
HPV Sponsorship Value (see notes): F Fully Sponsored Chemical.

15.1.2. National regulations

Germany
VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijm van kankerverwekkende stoffen : -Distillates (petroleum), hydrotreated heavy paraffinic, Distillates, petroleum, solvent-refined light paraffinic, Zinc alkyl dithiophosphate are listed
SZW-lijm van mutagene stoffen : -Distillates (petroleum), hydrotreated heavy paraffinic, Distillates, petroleum, solvent-refined light paraffinic, Zinc alkyl dithiophosphate are 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

Denmark
Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Other information : It is the user’s responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. Such information is actually to be best of our knowledge and believes accurate as reliable.

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust, mist) Category 4</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

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 therefore be construed as guaranteeing any specific property of the product.