



SAFETY DATA SHEET

1. Product and company identification

Product name Bel-Ray HVI Racing Suspension Fluid 15W
Product code 99390
SDS number 6414

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Recommended use and Limitations on use

Not available.

2. Hazards identification

GHS classification

| | | |
|------------------------------|--|---|
| Physical hazards | Not classified. | |
| Health hazards | Skin corrosion/irritation | Category 3 |
| | Serious eye damage/eye irritation | Category 2B |
| | Specific target organ toxicity following single exposure | Category 2 (Lung) |
| | Specific target organ toxicity following repeated exposure | Category 1 (Lung, skin) |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 3 (98.95% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.) |
| | Hazardous to the aquatic environment, long-term hazard | Category 4 (30.5% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.) |

Label elements

Symbols



Signal word

Danger

Hazard statement

Causes mild skin irritation. Causes eye irritation. May cause damage to organs (Lung). Causes damage to organs (Lung, skin) through prolonged or repeated exposure. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

Precautionary statement

Prevention

Keep out of reach of children. Read label before use. Do not breathe mist or vapour. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Response

If medical advice is needed, have product container or label at hand. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

| Substance or mixture | Mixture | CAS Number | Concentration (%) |
|---|---------|------------|-------------------|
| Distillates (petroleum), hydrotreated middle | | 64742-46-7 | 0 - < 70 |
| Distillates (petroleum), Hydrotreated Middle | | | |
| Lubricating oils | | 72623-86-0 | 0 - < 70 |
| Lubricating Oils | | | |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | | 68649-42-3 | 1 - < 3 |
| Phosphorodithioic Acid, O,o-di-c1-14-alkyl Esters, Zinc Salts | | | |
| Other components below reportable levels | | | 20 - < 30 |

4. First aid measures

| | |
|---|--|
| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | Wash off with warm water and soap. If skin irritation occurs: Get medical advice/attention. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Call a POISON CENTER or doctor/physician if you feel unwell. Do not induce vomiting. Never give liquid to an unconscious person. |
| Potential delayed effects | Not available. |
| Personal protection for first-aid responders | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |
| Notes to physician | Not available. |

5. Fire-fighting measures

| | |
|--|---|
| Extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Extinguishing media to avoid | Water. Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards during fire fighting | None. |
| Special fire fighting procedures | None. |
| Protection of fire-fighters | Water runoff can cause environmental damage. |
| Hazards from combustion products | Carbon monoxide and carbon dioxide. |

6. Accidental release measures

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Do not contaminate water. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. |
| Spill cleanup methods | This product is miscible in water. |

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Prevent product from entering drains.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13.

7. Handling and storage**Handling**

| | |
|-----------------------------|--|
| Precautions | Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. |
| Safe handling advice | Avoid contact with eyes. Avoid prolonged exposure. Use personal protection recommended in Section 8 of the MSDS. |

Prevention of fire and explosion No specific recommendations.

Storage

Suitable storage conditions Keep container tightly closed.

Incompatible materials None known.

Safe packaging materials Keep in original container.

8. Exposure controls/personal protection

Exposure limits

New Zealand. WES. (Workplace Exposure Standards)

| Components | Type | Value | Form |
|---|------|----------------------|-------|
| Distillates (petroleum), hydrotreated middle (64742-46-7) | STEL | 10 mg/m ³ | Mist. |
| | TWA | 5 mg/m ³ | Mist. |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|---|------|---------------------|---------------------|
| Distillates (petroleum), hydrotreated middle (64742-46-7) | TWA | 5 mg/m ³ | Inhalable fraction. |

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

| Components | Type | Value | Form |
|---|------|---------------------|-------|
| Distillates (petroleum), hydrotreated middle (64742-46-7) | TWA | 5 mg/m ³ | Mist. |

Engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide adequate general and local exhaust ventilation.

Personal protective equipment

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Skin protection Normal work clothing (long sleeved shirts and long pants) is recommended.

Eye/face protection Not normally needed.

Radioactive or thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practices.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Colour Yellow.

Odour Petroleum

pH Not available.

Odour threshold Not available.

Melting point/freezing point Not available.

Flash point 118 °C (244.4 °F) Pensky-Martens Closed Cup

Auto-ignition temperature 270 °C (518 °F) estimated

Flammability (solid, gas) Not available.

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit Not available.

Vapour pressure 160 hPa estimated

Density 890 kg/m³

Vapour density Not available.

| | |
|--|----------------------------|
| Evaporation rate | Not available. |
| Relative density | Not available. |
| Solubility | Negligible |
| Solubility (other) | Oil |
| Partition coefficient (n-octanol/water) | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 48 - 51 cSt |
| Other data | |
| Flammability class | Combustible IIIB estimated |
| Specific gravity | 0.89 |
| Viscosity temperature | 40 |

10. Stability and reactivity

| | |
|---|--|
| Stability | Material is stable under normal conditions. |
| Conditions to avoid | Avoid temperatures exceeding the flash point. |
| Incompatible materials | None known. |
| Hazardous decomposition products | At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Hydrogen sulfide. Mercaptans. |
| Possibility of hazardous reactions | None. |

11. Toxicological information

| | |
|---|---|
| Acute toxicity | Not available. |
| Routes of exposure | Inhalation. Skin contact. Eye contact. |
| Symptoms | Discomfort in the chest. Shortness of breath. Coughing. Defatting of the skin. Skin irritation. Irritant effects. Rash. |
| Skin corrosion/irritation | Causes mild skin irritation. |
| Serious eye damage/eye irritation | Causes eye irritation. |
| Respiratory sensitizer | Not available. |
| Skin sensitizer | Not available. |
| Germ cell mutagenicity | Not available. |
| Carcinogenicity | Not available. |
| Toxic to reproduction | Not available. |
| Specific target organ toxicity - single exposure | May cause damage to organs. Lung. |
| Specific target organ toxicity - repeated exposure | Causes damage to organs. Lung, skin. |
| Aspiration hazard | Not available. |
| Chronic effects | Prolonged inhalation may be harmful. |
| Relevant negative data | Not available. |

12. Ecological information

| | |
|---|---|
| Ecotoxicity | Accumulation in aquatic organisms is expected. May cause long lasting harmful effects to aquatic life. Harmful to aquatic life. |
| Persistence and degradability | No data is available on the degradability of this product. |
| Bioaccumulation | Not available. |
| Mobility | This product is miscible in water. |
| Environmental fate - Partition coefficient | Not available. |
| Other hazardous effects | Not available. |

13. Disposal considerations

| | |
|-------------------------------------|--|
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Special precautions | Not available. |

14. Transport information

International regulations

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory information

Applicable regulations

New Zealand Inventory of Chemicals (NZIoC): Registration status

| | |
|--|--|
| Distillates (petroleum), hydrotreated middle (CAS 64742-46-7) | May be used as a single component chemical under an appropriate group standard |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3) | May be used as a component in a product covered by a group standard but it is not approved for use as a chemical in its own right. |

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no) * |
|-----------------------------|--|-------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information

References Not available.

Issued by
Not available.

Prepared by
Not available.

Disclaimer Bel-Ray Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

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