



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation Bel-Ray No-Tox HD Oil 100

Product code 62685

Use of the substance/preparation Lubricant.

Version No. 1,0

Revision Date 06-January-2011

Manufacturer

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2. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments

Physical hazards Not classified as a physical hazard.

Health hazards Prolonged exposure may cause chronic effects.

Environmental hazards Not classified as an environmental hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | Classification | CAS-No. | % | EC-No. / REACH Registration No. | Notes |
|-------------------------------|----------------|-----------|----------|------------------------------------|-------|
| White mineral oil (petroleum) | | 8042-47-5 | 90 - 100 | 232-455-8 | # |

4. FIRST-AID MEASURES

Inhalation Not likely, due to the form of the product. If symptoms are experienced, remove source of contamination or move victim to fresh air.

Skin contact Wash skin with soap and water. Get medical attention if symptoms occur.

Eye contact Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Ingestion Rinse mouth thoroughly. Get medical attention if any discomfort continues. If ingestion of a large amount does occur, call a poison control centre immediately.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

Notes to physician This product is not expected to produce adverse effects under normal conditions of use and appropriate personal hygiene. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire fighting equipment/instructions Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

Suitable extinguishing media Water. Water spray. Carbon dioxide (CO₂). Dry chemical. Foam.

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| Extinguishing media which must not be used for safety reasons | None known. |
| Unusual fire & explosion hazards | This product is not flammable. May burn, but does not ignite readily. |
| Special protective equipment for fire-fighters | Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. |
| Specific methods | In the event of fire and/or explosion do not breathe fumes. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 for personal protective equipment. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Do not contaminate water. |
| Containment procedures | Stop leak if you can do so without risk. Dike the spilled material, where this is possible. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. |
| Methods for cleaning up | Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Do not allow material to contaminate ground water system. |

7. HANDLING AND STORAGE

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|-----------------|--|
| Handling | Wear personal protective equipment. Avoid contact with eyes and prolonged or repeated contact with skin. Wash thoroughly after handling. |
| Storage | Keep container tightly closed. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Belgium

| Components | Type | Value | Form |
|---|------|----------------------|-------|
| White mineral oil (petroleum) (8042-47-5) | STEL | 10 mg/m ³ | Mist. |
| | TWA | 5 mg/m ³ | Mist. |

Denmark

| Components | Type | Value | Form |
|---|------|---------------------|-------|
| White mineral oil (petroleum) (8042-47-5) | TLV | 1 mg/m ³ | Mist. |

Italy

| Components | Type | Value | Form |
|---|------|---------------------|---------------------|
| White mineral oil (petroleum) (8042-47-5) | TWA | 5 mg/m ³ | Inhalable fraction. |

Netherlands

| Components | Type | Value | Form |
|---|------|---------------------|-------|
| White mineral oil (petroleum) (8042-47-5) | TWA | 5 mg/m ³ | Mist. |

Spain

| Components | Type | Value | Form |
|---|------|----------------------|-------|
| White mineral oil (petroleum) (8042-47-5) | STEL | 10 mg/m ³ | Mist. |
| | TWA | 5 mg/m ³ | Mist. |

Sweden

| Components | Type | Value | Form |
|---|------|---------------------|-------|
| White mineral oil (petroleum) (8042-47-5) | STEL | 3 mg/m ³ | Mist. |
| | TWA | 1 mg/m ³ | Mist. |

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| Exposure controls | Provide adequate general and local exhaust ventilation. |
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Occupational exposure controls

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| Respiratory protection | Under normal conditions, respirator is not normally required. If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist. |
| Hand protection | Wear protective gloves. |
| Eye protection | Wear approved safety goggles. |
| Skin and body protection | Wear suitable protective clothing and gloves. |

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| General | Use personal protective equipment as required. Keep working clothes separately. |
| Hygiene measures | Provide eyewash station and safety shower. When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Appearance | Liquid. |
| Physical state | Liquid |
| Form | Liquid. |
| Colour | Colourless. |
| Odour | Bland. |
| Odour threshold | Not available. |
| pH | Not available. |
| Boiling point | 360 °C (680 °F) estimated |
| Flash point | 236 °C (456,8 °F) Pensky-Martens Closed Cup |
| Flammability limits in air, upper, % by volume | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Vapour pressure | Not available. |
| Density | 874 kg/m ³ |
| Relative density | Not available. |
| Solubility (water) | Insoluble |
| Solubility (other) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Viscosity | 100 cSt @ 40 °C (104 °F) |
| Vapour density | Not available. |
| Evaporation rate | Not available. |
| Melting point/Freezing point | Not available. |
| Auto-ignition temperature | Not available. |
| VOC | 0,01 % estimated |
| Percent volatile | 0,01 % estimated |

10. STABILITY AND REACTIVITY

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| Conditions to avoid | Avoid high temperatures. |
| Hazardous decomposition products | Carbon oxides. Nitrogen oxides (NO _x). |
| Stability | Material is stable under normal conditions. |
| Materials to avoid | Strong oxidising agents. |

11. TOXICOLOGICAL INFORMATION

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|---------------------------|---|
| Routes of exposure | Eye contact. Skin contact. |
| Chronic toxicity | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
| Carcinogenicity | Prolonged and repeated skin contact with some mildly treated or untreated mineral oils have produced skin cancer in laboratory animals. |

IARC Monographs. Overall Evaluation of Carcinogenicity

White mineral oil (petroleum) (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

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|----------------------|-----------------------------|
| Local effects | May irritate eyes and skin. |
|----------------------|-----------------------------|

12. ECOLOGICAL INFORMATION

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|------------------------------|---|
| Ecotoxicity | This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems. |
| Environmental Effects | No data available for this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |
| Mobility | The product is insoluble in water. |

13. DISPOSAL CONSIDERATIONS

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| Disposal instructions | Dispose of contents/container in accordance with local/regional/national/international regulations. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. |
| Contaminated packaging | Offer rinsed packaging material to local recycling facilities. |
| EU wastecodes | Waste codes should be assigned by the user based on the application for which the product was used. The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |

14. TRANSPORT INFORMATION

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Supplemental information on the label Not classified as dangerous according to directive 1999/45/EC.

Water hazard class

VwVwS WGK1

16. OTHER INFORMATION

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 |
| 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)

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. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue date

06-January-2011