

Date 15.11.2013

**1. Commercial Product Name and Company/Manufacturer**

1.1 Trade Name: Horizon Lubrication Polaris1020  
1.2 Product Application: Machine lubricant  
1.3 Company: Lambert Products NV B-4300 Waremmе/Borgworm  
Tel +32 (0)19.339797 Fax +32 (0)19.339790  
info@lambert-products.be

**2. Hazards Identification**

## 2.1 Classification:

Under current criteria, this material is considered to be non-hazardous (is not to be marked). If general precautions concerning handling of lubricants are respected, no specific dangers are known to us.

## 2.2 Information pertaining to particular dangers to human:

It is unlikely, that the product leads to irritation of the eyes, skin or endangerment of the respiratory organs. It is also unlikely that swallowing the product leads to health damages.

## 2.3 Information to particular dangers for environment:

Although no environmental damages and bioaccumulations are expected, release of the product into the environment must be avoided.

**3. Composition - Information on Ingredients**

3.1 Composition-Ingredients Mixture from mineral oil, thickener, additives.

**4. First Aid Measures**

4.1 General Instructions : Remove victim from danger zone, without exposing yourself to any personal risk.  
Remove wetted clothing and shoes and clean items before using them again.  
4.2 After Inhalation : Not applicable.  
4.3 After Skin Contact: Wash with soap and much water.  
4.4 After Eye Contact: Flush eyes with copious amounts of water for 15 minutes holding eyelids open.  
4.5 After Ingestion: Do not induce vomiting. Seek medical advice  
4.6 Symptoms and effects: No  
4.7 Instructions for attending physician: Prolonged or repeated exposure may cause skin discomfort.

**5. Fire-Fighting Measures**

5.1 Extinguishing media - Usable : Water Spray, Powder, Foam, Sand, CO2  
5.2 Extinguishing media - Not usable: Water jet  
5.3 Special personal protection: No  
5.4 Further information : Do not use water jet ; may cause grease explosion-splattering.

**6. Accidental Release Measures**

6.1 Special Personal Protection: Use oil-proofed clothing/protection.  
6.2 Special Environmental Protection: Avoid release in the environment.  
6.3 Absorbing Materials: Use oil sucking materials f.e chemical absorbents.  
6.4 Cleaning Methods: Take up mechanically.

**7. Handling and Storage**

7.1 Handling: Use general precaution measurements conform to handle lubricants.  
7.2 Storage Keep: Keep container closed. Store in a cool, well ventilated place away from incompatible materials. Do not handle or store near an open flame, heat or other sources of ignition.  
Protect material from direct sunlight. Do not pressurize, cut, heat, or weld containers.  
Storage 5 to 40°C Class VCI: 11 Combustible Solid lubricants

**8. Exposure Controls / Personal Protection**

8.2 Eye Protection: None required  
8.3 Skin Protection: Use suitable gloves  
8.4 Respiratory Protection: None required  
8.5 Technical Protection: Do not eat, drink or smoke while using product. Wash hands and face before break and after work.

**9. Physical and Chemical Properties**

9.1 Appearance Form : Pasty  
9.2 Color : Black  
9.3 Appearance: Like grease  
9.4 Odor: Specific  
9.6 Boiling Point / Boiling Range NA  
9.7 Melting Point / Melting Range NA  
9.8 Flash Point NA  
9.9 Autogenously Ignition Temperature NA  
9.10 Upper Explosion Limit --  
9.11 Lower Explosion Limit --  
9.13 Specific Gravity, 20°C 0.95 g/cm³  
9.14 Water Solubility : No  
9.15 Viscosity, 40°C NA  
9.17 VOC-Content : NA  
NA : Not Applicable

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**10. Stability und Reactivity**

- |                               |   |
|-------------------------------|---|
| 10.1 Stability                | This product is stable in normal-use and temperatures and will not react violently with water |
| 10.2 Conditions to be avoided | No  |
| 10.3 Substances to be avoided | No  |

**11. Toxicological Information**

- 11.1 Toxicological Tests Under current criteria, this material is considered to be non-hazardous (is not to be marked).
- |                      |                                  |
|----------------------|----------------------------------|
| 11.2 At Eye Contact  | Irritating.                      |
| 11.3 At Skin Contact | Possible Irritation.             |
| 11.4 At Inhalation   | No data available                |
| 11.5 At Ingestion    | May cause sickness and vomiting. |

**12. Ecological Information**

- 12.1 Ecological Information Eco toxicological data have not been determined specifically for this product. The information provided is based on the knowledge of the components. Product is not readily biodegradable. The main constituents are expected to be inherently biodegradable, but some components that may persist in the environment. WGK 2

**13. Disposal Considerations**

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|------------------------------|--|
| 13.1 Disposal Considerations | May not be disposed together with domestic rubbish. Disposal in compliance with federal state, and local laws. EAK Waste Product Code : 130899 |
|------------------------------|--|

**14. Transport Information**

- |                                       |  |
|---------------------------------------|--|
| 14.1 UN-No                            | No   |
| 14.2 Land Transport ADR/GGVS RID/GGVE | No   |
| 14.3 Sea Transport ADN/IMDG/GGVSee    | No   |
| 14.4 Air Transport IATA/ICAO          | No   |
| 14.5 Other No transport regulations   | Non dangerous goods according to transport regulations : |

**15. Regulatory Information**

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|--|--------------------------|
| 15.1 Limits for Disposal at Places of Employment | No MAK Values defined    |
| 15.2 Characterization symbols                    | No Precautionary Labels. |

**16. Further Information**

Although the information on this safety sheet is based on the by us known and reliable considered information, we can neither accept any responsibility for the use of it. Please contact us if more information's are required.