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Safety Data Sheet (SDS) Bio-Oil® Skincare Oil
Formula reference: GL/SCO/001, GL/SCO/002, GL/SCO/003
According to SANS 10234 and UN GHS 7th edition
Revision Date: 06 July 2020

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

Product identifier:

Identification as on the label / Trade name: Bio-Oil® Skincare Oil

Additional information: A cosmetic composition consisting of a blend of natural and synthetic oils and esthers, with the addition of vitamins, natural extracts, antioxidants, fragrance and colourant.

Relevant identification uses of the substance and uses advised against:

Identified uses: Personal care product.

Uses advised against: Use only as directed.

Details of the supplier of the Safety Data Sheet:

Union-Swiss (Pty) Ltd
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Available outside office hours: No

SECTION 2. HAZARD IDENTIFICATION

Classification of the substances or mixture:

Skin sensitizer (Category 1B) H317.

The most important adverse effects:

The most important adverse physiochemical effects: None.

The most important adverse human health effects: May cause an allergic skin reaction and may be harmful if swallowed.

Label elements:

Hazard pictograms:



Signal word: WARNING

Hazard statements: H317 May cause an allergic skin reaction.

Precautionary statements: If skin irritation or rash occurs: Get medical attention.

Special labelling of certain mixtures: None required.

Other hazards: None known.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

| Substance name (IUPAC) | CAS-No | EC-No | Concentration % by weight | Classification EC1272/2008 |
|---|------------|-----------|---------------------------|--|
| Paraffins oils | 8012-95-1 | 232-384-2 | 50-75% | Aspiration toxicity (Category 1) H304. |
| Triisononanoïn (Propane-1,2,3-triyl 56554-53-1 3,5,5-trimethylhexanoate) | 56554-53-1 | 260-257-1 | 10-25% | Acute toxicity oral (Category 4) H302. Skin sensitizer (Category 1B) H317. |

There are no other ingredients present that, within the current knowledge of the provider of this SDS, and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8, Exposure Controls / Personal Protection.

SECTION 4. FIRST AID MEASURES

Description of first aid measures:

In case of inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort or symptoms seek medical attention immediately.

In case of skin contact: If an allergic skin reaction occurs wash with plenty of water and seek medical attention if irritation or a rash persists.

In case of eye contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Seek medical advice if symptoms persist.

In case of ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

Most important symptoms and effects, both acute and delayed:

Inhalation: May cause respiratory irritation.

Skin contact: May cause an allergic skin reaction.

Ingestion: May be harmful if swallowed.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURE

Extinguishing media:

Suitable extinguishing media: Use foam, dry chemical powder or carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

Special hazards arising from the mixture:

Nature of decomposition products not known for the mixture.

Advice for fire-fighters:

Protective respirator with independent air supply not required, unless there is a potential for exposure to particles or fumes which could cause discomfort.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling and Storage, for additional precautionary measures. Use appropriate safety equipment. For additional information refer to Section 8, Exposure Controls / Personal Protection.

For emergency responders: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling and Storage, for additional precautionary measures. Use appropriate safety equipment. For additional information refer to Section 8, Exposure Controls / Personal Protection.

Environmental precautions:

Prevent from entering soil, ditches, sewers, waterways and/or groundwater.

Methods for containment and cleaning up:

For small spills: Collect in suitable and properly labelled containers using absorbent material such as, sand, diatomite or universal binders. Dispose and or manage in accordance with the requirements contained in R634 Waste Classification & Management Regulations, R635 National Norms & Standards for the Assessment of Waste for Landfill Disposal and R636 National Norms & Standards for Disposal of Waste to Landfill

For large spills: Dike area to contain spill. Pump into suitable and properly labelled containers. Dispose and or manage in accordance with the requirements contained in R634 Waste Classification & Management Regulations, R635 National Norms & Standards for the Assessment of Waste for Landfill Disposal and R636 National Norms & Standards for Disposal of Waste to Landfill.

Reference to other sections:

See Section 7, Handling and Storage, for information on safe handling.

See Section 8, Exposure Controls / Personal Protection, for information on personal protection equipment.

See Section 13, Disposal Considerations, for information on disposal.

Additional information:

None known.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Protective measures: Observe directions on label and instructions for use.

Advice on general occupational hygiene: Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including incompatibilities:

Store product in a cool, dry, well- ventilated area, removed from incompatible substances (if any) and ignition sources.

Specific end uses:

Use as directed.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Occupational exposure limits (OEL): None.

Biological exposure indices (BEI): There are no biological limit values allocated.

Additional exposure limits under the conditions of use: None.

Exposure control:

Appropriate engineering controls: Exposure control is normally required during decanting and packaging. A Risk Assessment should be conducted before handling is to commence to determine specific exposure control. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment:

Eye / face protection: Use safety glasses, if there is a potential for exposure to particles which could cause eye discomfort, wear chemical safety goggles.

If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

Hand protection: If there is a potential for exposure to product which could cause skin discomfort, wear chemical resistant gloves.

Body protection: Not required under normal use.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process, always use an approved air-purifying respirator.

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

Environmental exposure controls: During large spills prevent product from entry into sewers and water courses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Colour: Transparent orange colour.

Odour: Floral odour.

Odour threshold: None.

pH (at concentration): Not applicable.

Melting point/range (°C): Not applicable.

Boiling point/range (°C): Not applicable.

Flashpoint (°C): 196 (ASTM D92).

Evaporation rate: Not known.

Flammability (solid, gas): Not applicable.

Ignition temperature (°C): Not applicable.

Upper/lower flammability/explosive limits:

Upper explosion limit: Not applicable.

Lower explosion limit: Not applicable.

Vapour pressure (20°C): Not known.

Vapour density: Not known.

Specific gravity (20°C): 0.870 g/ml (± 0.015).

Water solubility (g/l) at 20°C: Not known.

n-Octanol/Water partition coefficient: Not known.

Auto-ignition temperature: Not applicable.

Decomposition temperature: Not known.

Viscosity, dynamic (20°C): 60.0-80.0 cP (RV Spindle 2, 50rpm, after 30 seconds).

Viscosity, kinematic (40°C): 25.23 mm²/s

Physical hazards:

None.

Other information:

VOC content: 0.37%.

Fat solubility (solvent-oil to be specified): Not known.

Bulk density: Not known.

Dissociation constant in water (p Ka): Not known.

Oxidation-reduction potential: Not known.

SECTION 10. STABILITY AND RELIABILITY

Reactivity:

Stable under normal conditions.

Chemical stability:

Stable under recommended conditions of storage.

Possibility of hazardous reactions:

Hazardous polymerization is not expected to occur.

Conditions to avoid:

None.

Incompatible materials:

Not known.

Hazardous decomposition products:

None.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: No data available, cosmetic preparation.

Method: No data.

Dosage: No data.

Routes of administration: No data.

Results: No data.

Absorption: No data.

Distribution: No data.

Metabolism: No data.

Excretion: No data.

Information on toxicological effects:

Acute toxicity all exposure routes: None known.

Skin corrosion / irritation: None known.

Serious eye damage / irritation: None known.

Respiratory or skin sensitisation: None known.

Germ cell mutagenicity: None known.

Carcinogenicity: None known.

Reproductive toxicity: None known.

STOT-single exposure: None known.

STOT-repeated exposure: None known.

Aspiration hazard: The kinematic viscosity was calculated as 25,23 mm²/s for the mixture and is therefore not an aspiration hazard and not classified.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

None known.

Persistence and degradability:

None known.

Bioaccumulative potential:

None known.

Mobility in soil:

None known.

Results of PBT & vPVP assessment:

None known.

Other adverse effects:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Dispose of in accordance with municipal, provincial and national regulations. Waste Classification and Management Regulations (GN 634 of 2013). Dispose and or manage in accordance with the requirements contained in R634 Waste Classification & Management Regulations, R635 National Norms & Standards for the Assessment of Waste for Landfill Disposal and R636 National Norms & Standards for Disposal of Waste to Landfill.

Product / packaging disposal:

Recycle where possible.

SECTION 14. TRANSPORT INFORMATION

| | Land transport (ADR / RID) | Sea transport (IMDG) | Air transport (ICAO / IATA) |
|-------------------------------|-------------------------------|-------------------------|--------------------------------|
| UN Number: | None | None | None |
| UN Proper shipping name: | None | None | None |
| Transport hazard class: | None | None | None |
| Packaging group: | None | None | None |
| Marine pollutant: | None | None | None |
| Special precautions for user: | None | None | None |

Transport in bulk according to MARPOL 73/78 Annex II and the IBC code.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations / legislation for the mixture:

Relevant information regarding authorisation: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC.

Other National regulations: National Road Traffic Act, 1996 (ACT NO. 93 of 1996). SANS 10228:2012 - The identification and classification of dangerous goods for transport by road and rail modes. National Environmental Management: Waste Act 59 of 2008.

Chemical Safety Assessment carried out? Yes.

SECTION 16. OTHER INFORMATION

Indication of changes:

Amendment to SANS 10234 and UN GHS 7th edition, change in classification.

Relevant Hazard statements (number and full text):

H302 Harmful if swallowed. H304 may be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction.

Training instructions:

Use as instructed.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers:

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.