

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** Separation oil & liquid**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture** Painting for children**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Company: hand2mind

Address: 500 Greenview Court, Vernon Hills, Illinois, 60061 USA

1.4 Emergency telephone number: Use your local emergency number

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008.**

The product is not classified, according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture: consisting of the following components.**Dangerous components:** Void**Non-dangerous components:**

|                                      |                                   |       |
|--------------------------------------|-----------------------------------|-------|
| CAS: 107-88-0<br>EINECS: 203-529-7   | 1,3-Butanediol                    | 40%   |
| CAS: 57-55-6<br>EINECS: 200-338-0    | Propylene Glycol                  | 20,3% |
| CAS: 8042-47-5<br>EINECS: 232-455-8  | Mineral oil                       | 39%   |
| CAS: 24634-61-5<br>EINECS: 246-376-1 | Potassium (E,E)-hexa-2,4-dienoate | 0.2%  |
| CAS: 2783-94-0<br>EINECS: 220-491-7  | C.I Food Yellow 3                 | 0.5%  |

**Additional information:** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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**SECTION 5: Firefighting measures**

- 5.1 Extinguishing media**
- Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- 5.3 Advice for firefighters**
- Protective equipment:** No special measures required.

**SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures:** Not required.
- 6.2 Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- 7.1 Precautions for safe handling** No special measures required.
- Information about fire - and explosion protection:** No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities**
- Storage:**
- Requirements to be met by storerooms and receptacles:** No special requirements.
- Information about storage in one common storage facility:** Not required.
- Further information about storage conditions:** None.
- 7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- Additional information about design of technical facilities:** No further data; see item 7.
- Additional information:** The lists valid during the making were used as basis.
- 8.2 Exposure controls**
- Personal protective equipment:**
- General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection:** Not required.
- Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:** Goggles recommended during refilling

**SECTION 9: Physical and chemical properties**

- 9.1 Information on basic physical and chemical properties**
- General Information**
- Appearance:**
- Form:** Liquid
- Colour:** Yellow & Transparent
- Odour:** odorless

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|                                                                                                    |                                                              |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| ·Odour threshold:                                                                                  | Not determined.                                              |
| ·pH-value:                                                                                         | 6~8                                                          |
| ·Change in condition:<br>Melting point/freezing point:<br>Initial boiling point and boiling range: | Undetermined.<br>100 °C                                      |
| ·Flash point:                                                                                      | 200 °C                                                       |
| ·Flammability (solid, gas):                                                                        | Not applicable.                                              |
| ·Decomposition temperature:                                                                        | Not determined.                                              |
| ·Auto-ignition temperature:                                                                        | Not determined.                                              |
| ·Explosive properties:                                                                             | Not determined.                                              |
| ·Explosion limits:<br>Lower:<br>Upper:                                                             | Not determined.<br>Not determined.                           |
| ·Vapour pressure:                                                                                  | Not determined.                                              |
| ·Density:<br>·Relative density<br>·Vapour density<br>·Evaporation rate                             | Not determined.<br>1.2<br>Not determined.<br>Not determined. |
| ·Solubility in / Miscibility with water:                                                           | Soluble.                                                     |
| ·Partition coefficient: n-octanol/water:                                                           | Not determined.                                              |
| ·Viscosity:<br>Dynamic:<br>Kinematic:                                                              | 19*10 mPas<br>Not determined.                                |
| ·9.2 Other information                                                                             | No further relevant information available.                   |

**SECTION 10: Stability and reactivity**

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.

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- 12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:**
- General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.5 Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.
- 12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods**
- Recommendation** Smaller quantities can be disposed of with household waste.
- Uncleaned packaging:**
- Recommendation:** Disposal must be made according to official regulations.
- Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

|                                                                                             |                 |
|---------------------------------------------------------------------------------------------|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, IMDG, IATA</b>                                         | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, IMDG, IATA</b>                           | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b>                                                        | Not applicable. |
| · <b>14.6 Special precautions for user</b>                                                  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>            | Not applicable. |
| · <b>UN "Model Regulation":</b>                                                             | Void            |

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Directive 2012/18/EU**
- Named dangerous substances - ANNEX I** None of the ingredients is listed.

·**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
This safety data sheet is prepared upon applicant hand2mind's request. However, no further testing data provided.  
Therefore, this document is compiled in accordance with what we obtained.

- Relevant phrases**  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.

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**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative