Redesign Wax Paste - Green Aurora, Gravity, Vega, Amber Lights, Galaxy

Safety Data Sheet according to Regulation (EC) No1907/2006

Date of Compilation/Revision: 24.05.2017./13.04.2018.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers: Redesign Wax Paste - Green Aurora, Gravity, Vega, Amber Lights, Galaxy
Type of substance: CLP Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Antique paste for hobby of adults.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.
Flam. Liq. 3; H226 Flammable liquid and vapour
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects

2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:

Signal Word: Danger

Hazard Statements:
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects
EUH066 Repeated exposure may cause skin dryness or cracking

Precautionary Statements
Redesign Wax Paste - Green Aurora, Gravity, Vega, Amber Lights, Galaxy  

Version number: 2.

P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
P331 Do NOT induce vomiting.
P333+313 IF skin irritation or a rash occurs: Get medical advice/attention
P273 Avoid release to the environment

Hazardous components which must be listed on the label:
Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol CAS nr. 71-43-2)
orange terpene (d-limonen)

2.3 Other hazards:
The ingredients are not PBR or vPvB substances.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:
The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Hazardous Substance(s): Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol CAS nr. 71-43-2)
concentration: 20-50 %
EC-No.: 265-150-3
CAS-No.: 64742-48-9
Index-No. : 649-327-00-6
Classification according to Regulation (EC) No 1272/2008 : EUH066, Asp. Tox. 1 H304,
Registration number : 01-2119457273-39-XXXX

Hazardous Substance(s): orange terpene (d-limonen)
concentration: 10-30%
EC-No.: 232-433-8
CAS-No.: 8028-48-6
Classification according to Regulation (EC) No 1272/2008: Flam. Liq. 3 H226, Skin Irrit. 2 H315,
Skin Sens. 1 H317, Asp. Tox. 1 H304, Aquatic Chronic 2 H411
Registration number : 01-2119493353-35-0003

Hazardous Substance(s): ethanol
concentration: 5-25%
EC-No.: 200-578-6
CAS-No.: 64-17-5
Index-No. : 603-002-00-5
Classification according to Regulation (EC) No 1272/2008 : Flam. Liq. 2 H225, Eye Irrit. 2 H319

Refer to Section 16 for full details of the risk phrases, hazard statements and Notas.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

General:
Take off immediately all contaminated clothing.

Inhalation:
If breathed in, move person into fresh air. In the case of complaints consult a doctor.

Eye contact:
Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

Skin contact:
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Remove contaminated clothing. Wash skin thoroughly with soap and water. When symptoms persist, seek medical attention.

**Ingestion:**
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed:**
May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

**4.3 Indication of immediate medical attention and special treatment needed:**
Symptomatic treatment

**SECTION 5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**
Suitable extinguishing media
Alcohol resistant foam, CO2, powders, sand
Not to be used: High power water jet.

**5.2 Special hazards arising from the substance or mixture**
Carbon dioxide, carbon monoxide, carbon hydrides.
Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

**5.3 Advice for firefighters**
Wear self-contained breathing apparatus and protective clothing.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation. Remove all sources of ignition. Avoid breathing dust / fume / gas / mist / vapors / spray.

**6.2 Environmental precautions**
Do not allow to enter drains or watercourses.

**6.3 Methods and materials for containment and cleaning up**
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Provide adequate ventilation.

**6.4 Reference to other sections**
For personal protection see section 8. For disposal see section 13.

**SECTION 7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**
Provide adequate ventilation. Avoid contact with eyes, skin, clothing and breathing of its vapours.

**Precautions against fire and explosion:**
Avoid open flames. Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge.

**7.2 Conditions for safe storage, including any incompatibilities**
Store in well-filled containers, protected from light. Keep container tightly closed in a cool, dry, well-ventilated place. Keep only in the original container. Keep away from strong bases, strong acids and oxidizing agents.

**7.3 Specific end uses**
See section 1.2

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**
Components with workplace control parameters
Ethanol: 500 ml/m³, 960 mg/m³ (TRGS 900)

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)**

**orange terpene (d-limonen) CAS: 8028-48-6**

DNEL: Workers, Long-term, Skin contact 8,89 mg/kg bw/day
DNEL: Workers, Short-term, Skin contact 185,8 mikrog/cm²
DNEL: Workers, Long-term, Inhalation 31,1 mg/m³
DNEL: Consumers, Long-term, Ingestion 4,44 mg/kg bw/day
DNEL: Consumers, Long-term, Skin contact 4,44 mg/kg bw/day
DNEL: Consumers, Long-term, Inhalation 7,78 mg/m³.
DNEL: Consumers, Short-term, Skin contact 92,9 mikrog/cm².

**Predicted No Effect Concentration (PNEC)**

**orange terpene (d-limonen) CAS: 8028-48-6**

Fresh water: 5,4 mikrog/l.
Marine water: 0,54 mikrog/l.
Intermediate release 5,77 mikrog/l
Sewage treatment plant (STP): 2,1 mg/l
Sediment (Fresh water) Related to, dry weight: 1,3 mg/kg
Sediment (Marine water) Related to, dry weight: 0,13 mg/kg
Soil Related to, dry weight: 0,261 mg/kg

**8.2 Exposure controls**

**Appropriate engineering controls**
Provide adequate ventilation. Do not inhale vapors.

**General protective and hygienic measures:**
Wash hands before breaks and after work.
Keep away from foodstuffs, beverages and feed.

**Personal protective equipment**

**Eye/face protection**
Tightly sealed safety glasses according to EN 166.

**Skin protection**
Protective gloves according to EN 374.
Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure.
Material of gloves: nitrile rubber, breakthrough time > 480 minute, thickness: 0,1 mm,
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.
Penetration time of glove material
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. If gloves show signs of aging, it should be replaced immediately.

**Body Protection**
Protective clothing according to EN ISO 20345: it will be resistent against solvents.

**Respiratory protection**
Above the permitted limits wear respiratory protective equipment. Use an organic vapor filter Type „A“ (EN 14387)

**Environmental exposure controls:**
Do not allow product to reach sewage system or any water course.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

(a) Appearance: paste, colour: depends on pigments
(b) Odour: product-specific
(c) Odour threshold: not determined
(d) pH: not determined
(e) Melting point/freezing point: not determined
(f) Initial boiling point and boiling range: > 180 C (Naphtha (petroleum), hydrotreated heavy)
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(g) Flash point: not determined, 53.4 °C (orange terpene), > 61 °C (Naphtha (petroleum), hydrotreated heavy), 12 - 26 °C fok (ethanol)
(h) Evaporation rate: not determined
(i) Flammability (solid, gas): not determined
(j) Upper/lower flammability or explosive limits: not determined
(k) Vapour pressure: not determined
(l) Vapour density: not determined
(m) Relative density: not determined
(n) Solubility(ies): insoluble in water
(o) Partition coefficient: n-octanol/water: not determined
(p) Auto-ignition temperature: not determined
(q) Decomposition temperature: not determined
(r) Viscosity: not determined
(s) Explosive properties: Product is not explosive
(t) Oxidising properties: no data

9.2 Other information
No data available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity
No data
10.2 Chemical stability
Stable under recommended storage and handling conditions (see section 7).
10.3 Possibility of hazardous reactions
No dangerous reaction in normal use.
10.4 Conditions to avoid
Heat, sparks, ignition sources
10.5 Incompatible materials
Strong acids, alkalis, oxidizing agents.
10.6 Hazardous decomposition products
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, carbon hydrides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
(a) acute toxicity: Based on available data, the classification criteria are not met
(b) skin corrosion/irritation: Causes skin irritation.
(c) serious eye damage/irritation: Based on available data, the classification criteria are not met
(d) respiratory or skin sensitisation: May cause an allergic skin reaction.
(e) germ cell mutagenicity: Based on available data, the classification criteria are not met
(f) carcinogenicity: Based on available data, the classification criteria are not met
(g) reproductive toxicity: Based on available data, the classification criteria are not met
(h) STOT-single exposure: Based on available data, the classification criteria are not met
(i) STOT-repeated exposure: Based on available data, the classification criteria are not met
(j) aspiration hazard: May be fatal if swallowed and enters airways.
Other informations:

Components:
64742-48-9 Naphtha (petroleum), hydrotreated heavy:
Acute toxicity: LD50 (oral, rat): > 5000 mg/kg
LD50 (dermal, rabbit): > 3000 mg/kg

8028-48-6 Orange terpene:
Acute toxicity: LD50 (oral, rat): > 5000 mg/kg
LD50 (dermal, rabbit): > 5000 mg/kg

64-17-5 Ethanol:
LD50(oral, rat): 3450 mg/kg
LD50(oral, mouse): 7060 mg/kg
LC50/inhalation/10 h/rat 2000 ppm
SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity
There are no data available on the preparation itself.
Components:
8028-48-6 Orange terpene:
EC50 (Desmodesmus subspicatus, 72 h): 150 mg/l (OECD 201).
EC50 (Daphnia magna, 48 h): 0.67 mg/l (OECD 202, limonén).
LC50 (Pimephales promelas/fürge cselle, 96 h): 0.7 mg/l (OECD 203).
Do not allow to contaminate the soil, the water systems or the channels.
Toxic to aquatic life with long lasting damage.
64-17-5 Ethanol:
Hazardous for water quality, for fish and plankton directly and after its hydrolytic degradation
also has harmful effects.

12.2 Persistence and degradability
Components:
64742-48-9 Naphtha (petroleum), hydrotreated heavy:
The product is difficultly biodegradable.
8028-48-6 Orange terpene:
Readily biodegradable, 72-83.4 % (28 days, OECD 301 B).
Ethanol: no data available.

12.3 Bioaccumulative potential
Components:
8028-48-6 Orange terpene:
log BKF: 1.502-2.597.
Bioconcentration factor, BCF: 32-156.
64-17-5 Ethanol: not bioaccumulative.

12.4 Mobility in soil
No data.

12.5 Results of PBT and vPvB assessment
The ingredients are not PBR or vPvB substances.

12.6 Other adverse effects
Do not allow product to reach ground water, water course or sewage system.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Do not allow into drains or water courses.
Wastes and emptied containers should be disposed of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number 1993
14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (CONTAINS ORANGE OIL, ETHANOL)
14.3. Transport hazard class(es) 3
Classification code: F1

Label(s) 3
Road Tunnel Restrictions D/E
Transport category (1.1.3.6.) 3
Limited Quantity (LQ) 5 L
14.4. Packing group III
14.5. Environmental hazards No
14.6. Special precautions for user Flammable Liquid.
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Not applicable to the product being shipped.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
According to the local regulation.
15.2 Chemical Safety Assessment
Chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

The classification was carried out according to the following method
1272/2008/EU Regulation:
Classification:
Asp. Tox. 1; H304 calculation method
Flam. Liq. 3; H226 estimated value
Skin Irrit. 2; H315 calculation method.
Skin Sens. 1; H317 calculation method
Aquatic Chronic 3 H412 calculation method

LIST OF RELEVANT H-PHRASES IN SECTION 3

H-Phrases

H225 Highly flammable liquid and vapour
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H411 Toxic to aquatic life with long lasting effects
EUH066 Repeated exposure may cause skin dryness or cracking

Changes from the previous version: Item 2. 3. 6. 7. 8. 11. 12.

Data Sources:
The previously-classified hazardous materials list
Internet database of chemical substances
Safety data sheets of components

Abbreviations:

Asp. Tox. 1 Aspiration Toxicity, Category 1
Flam. Liq. 2 Flammable Liquid, Category 2
Flam. liq. 3 Flammable Liquid, Category 3
Skin Irrit. 2 Skin Irritation, Category 2
Skin Sens. 1 Skin Sensitization, Category 1
Aquatic Chronic 2 Aquatic Chronic, Category 2

SCL: Specific Concentration limit
EK / EU European community/European union
EGK European Economic Community
This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue, and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer’s/user’s responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.