

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

Date of Compilation/Revision: 24.05.2017./08.05.2019.

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

1.1 Product identifiers: (Colored, Matallic Colored) Wax Paste

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.

1.3 Details of the supplier of the safety data sheet:

Pentacolor Ltd.

1103 Budapest, Gyömrői út 86.

tel.: +36-1-260-7477

fax: +36-1-262-1345

e-mail: info@pentacolor.hu

For product safety information please contact: info@pentacolor.hu

1.4 Emergency telephone number:

Egészségügyi Toxikológiai Tájékoztató Szolgálat

Address: 1096, Budapest, Nagyvárad tér 2., Hungary

tel: 06/80/20 11 99 (green number), 06/1/ 476 64 64 (during working hours)

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

P102 Keep out of reach of children

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P273 Avoid release to the environment
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

Hazardous components which must be listed on the label:

Naphtha (petroleum), hydrotreated heavy
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): ethylene glycol monopropylether; EGPE

concentration: < 10 %

EC-No.: 220-548-6

CAS-No.: 2807-30-9

Index-No: 603-095-00-2

Classification according to Regulation (EC) No 1272/2008: Flam. Liq. 3 H226, Acute Tox. 4
H312, 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:

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

CAS 2807-30-9 ethylene glycol monopropylether

20 ml/m³, 86 mg/m³ TRGS 900

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

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

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)

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

Fresh water: 5,4 microg/l.

Marine water: 0,54 microg/l. Intermediate

release 5,77 microg/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

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

CAS: 2807-30-9 ethylene glycol monopropylether; EGPE

Workers, Long-term - systemic effects, Skin contact = 3,4 (mg/kg bw/day)

Workers, Long-term - systemic effects, Inhalation = 36 mg/m³

Consumers , Long-term - systemic effects, Skin contact = 2,2 (mg/kg bw/day)

Consumers , Long-term - systemic effects, Inhalation = 7,7 mg/m³

Consumers , Long-term - systemic effects, Ingestion = 2,2 (mg/kg bw/day)

Predicted No Effect Concentration (PNEC)

CAS: 2807-30-9 ethylene glycol monopropylether; EGPE

Fresh water: 0,1 mg/l

Marine water: 0,01 mg/l

Sewage treatment plant (STP): 10 mg/l

Sediment (Fresh water) Related to, dry weight: 0,594 mg/kg

Sediment (Marine water) Related to, dry weight: 0,0594 mg/kg

Soil Related to, dry weight: 0,0602 mg/kg

Intermittent release: 1 mg/l

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 resistant 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)
- (g) Flash point: not determined, 53,4 C (orange terpene), > 61 C (Naphtha (petroleum), hydrotreated heavy), 49 C (EGPE)
- (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:

Naphtha (petroleum), hydrotreated heavy:

Acute toxicity: LD50 (oral, rat): > 5000 mg/kg
LD50 (dermal, rabbit): > 3000 mg/kg

Orange terpene:

Acute toxicity: LD50 (oral, rat): > 5000 mg/kg
LD50 (dermal, rabbit): > 5000 mg/kg

Ethylene glycol monopropylether; EGPE

Acute toxicity: LD50 (oral, rat): 3089 mg/kg.
Acute toxicity: LD50 (oral, mouse): 1774 mg/kg.
Acute toxicity: LD50 (dermal, rabbit): 1337 mg/kg. Harmful in contact with skin.
Acute toxicity: LC50 (inhalation, rat, 6 h): > 2132 ppm

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

There are no data available on the preparation itself..

Components:

Orange terpene:

EC50 (Desmodesmus subspicatus, 72 h): 150 mg/l (OECD201).
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

Ethylene glycol monopropylether; EGPE

LC50 (American Phoxinus phoxinus, 96 h): > 91.3 mg/l.
LC50 (daphnia, 96 h):> 91.3 mg/l.
EC50 (flatworm, 72 h):> 91.3 mg/l.
Chronic toxicity (fish, aquatic invertebrates, aquatic plants):
No data is available for the product itself.

12.2 Persistence and degradability

Components:

Naphtha (petroleum), hydrotreated heavy:

The product is difficultly biodegradable

Orange terpene:

Readily biodegradable, 72-83,4 % (28 days, OECD 301 B).

Ethylene glycol monopropylether; EGPE no data

12.3 Bioaccumulative potential

Components:

Orange terpene:

log BKF: 1,502 - 2,597.
Bioconcentration factor, BCF: 32-156.

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, EGPE)

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.

All components are contained in the TSCA (USA) inventory or exempted.

The ingredients of this product are not included on California's 65 list.

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

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H312 Harmful in contact with skin.

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 3. 8. 11. 12.

Data Sources:

The previously-classified hazardous materials list

Internet database of chemical substances

Safety data sheets of components

Abbreviations:

Acute Tox. 4 Acute Toxicity, Category 4
Asp. Tox. 1 Aspiration Toxicity, Category 1
Eye Irrit. 2 Eye Irritation, Category 2
Flam. liq. 3 Flammable Liquid, Category 3
Skin Irrit. 2 Skin Irritation, Category 2
Skin Sens. 1 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
DNEL Derived No Effect Level
PNEC Predicted No Effect Concentration
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures
CAS Chemical Abstracts Service
UN / ENSZ United Nations
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG International Maritime Code for Gangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

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.