



Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 05/06/2019

1 Identification

- **Product identifier**
- **Trade name:** GO947 PURPLE
- **Article number:** GO947
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
General Paint Co. S.A.L.
P.O. Box 7623
Beirut
LEBANON
info@generalpaint.biz
- **Information department:** Product Safety Department
- **Emergency telephone number:** 1-800-535-5053 contract number (89244)

2 Hazard(s) identification

- **Classification of the substance or mixture**
Flam. Liq. 4 H227 Combustible liquid.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**
Combustible liquid.
- **Precautionary statements**
Keep away from flames and hot surfaces. – No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 2
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0
Fire = 2
Reactivity = 0

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

| | |
|----------|-----------------|
| 111-76-2 | 2-butoxyethanol |
|----------|-----------------|

| |
|-----------|
| >2.5-≤10% |
|-----------|

4 First-aid measures

- **Description of first aid measures**
- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

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*Ensure adequate ventilation.***· Reference to other sections***No dangerous substances are released.**See Section 7 for information on safe handling.**See Section 8 for information on personal protection equipment.**See Section 13 for disposal information.***· Protective Action Criteria for Chemicals****· PAC-1:**

| | | |
|----------|------------------------|---------|
| 111-76-2 | 2-butoxyethanol | 60 ppm |
| 67-63-0 | propan-2-ol | 400 ppm |
| 108-01-0 | 2-dimethylaminoethanol | 3.7 ppm |
| 104-76-7 | 2-Ethyl-1-hexanol | 0.1 ppm |
| 140-88-5 | ethyl acrylate | 8.3 ppm |

· PAC-2:

| | | |
|----------|------------------------|-----------|
| 111-76-2 | 2-butoxyethanol | 120 ppm |
| 67-63-0 | propan-2-ol | 2000* ppm |
| 108-01-0 | 2-dimethylaminoethanol | 40 ppm |
| 104-76-7 | 2-Ethyl-1-hexanol | 100 ppm |
| 140-88-5 | ethyl acrylate | 36 ppm |

· PAC-3:

| | | |
|----------|------------------------|-------------|
| 111-76-2 | 2-butoxyethanol | 700 ppm |
| 67-63-0 | propan-2-ol | 12000** ppm |
| 108-01-0 | 2-dimethylaminoethanol | 72 ppm |
| 104-76-7 | 2-Ethyl-1-hexanol | 200 ppm |
| 140-88-5 | ethyl acrylate | 240 ppm |

7 Handling and storage

· Handling:**· Precautions for safe handling** *No special precautions are necessary if used correctly.***· Information about protection against explosions and fires:***Keep ignition sources away - Do not smoke.***· 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:** *Keep receptacle tightly sealed.***· Storage class:** 10

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- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol

| | |
|-----|---|
| PEL | Long-term value: 240 mg/m ³ , 50 ppm Skin |
| REL | Long-term value: 24 mg/m ³ , 5 ppm Skin |
| TLV | Long-term value: 97 mg/m ³ , 20 ppm BEI |

- **Ingredients with biological limit values:**

111-76-2 2-butoxyethanol

| | |
|-----|--|
| BEI | 200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis |
|-----|--|

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

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.

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· 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.

9 Physical and chemical properties

· Information on basic physical and chemical properties**· General Information****· Appearance:****Form:**

Fluid

Color:

According to product description

· Odor:

Characteristic

· Odor threshold:

Not determined.

· pH-value:

Not determined.

· Change in condition**Melting point/Melting range:**

Undetermined.

Boiling point/Boiling range:

100 °C (212 °F)

· Flash point:

68 °C (154.4 °F)

· Flammability (solid, gaseous):

Not applicable.

· Ignition temperature:

240 °C (464 °F)

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not selfigniting.

· Danger of explosion:

Not determined.

· Explosion limits:**Lower:**

Not determined.

Upper:

Not determined.

· Vapor pressure at 20 °C (68 °F):

23 hPa (17.3 mm Hg)

· Density at 20 °C (68 °F):1.01 g/cm³ (8.42845 lbs/gal)**· Relative density**

Not determined.

· Vapor density

Not determined.

· Evaporation rate

Not determined.

· Solubility in / Miscibility with**Water:**

Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.**· Viscosity:****Dynamic:**

Not determined.

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| | |
|------------------------------|--|
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 5.0 % |
| Water: | 70.2 % |
| Coating VOC content: | 4.96 % |
| | 172.5 g/l / 1.44 lb/gal |
| Material VOC content: | 50.1 g/l / 0.42 lb/gal |
| · Solids content: | 23.4 % |
| · Other information | No further relevant information available. |

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)

| | | |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | 3 |
| 67-63-0 | propan-2-ol | 3 |
| 140-88-5 | ethyl acrylate | 2B |

· NTP (National Toxicology Program)

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

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· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|-------------------------------------|----------------|
| · UN-Number | NOT APPLICABLE |
| · UN proper shipping name | NOT APPLICABLE |
| · Transport hazard class(es) | NOT APPLICABLE |
| · Packing group | NOT APPLICABLE |
| · Environmental hazards: | |
| · Marine pollutant: | No |

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· Special precautions for user Not applicable.**· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· Sara**· Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

111-76-2 2-butoxyethanol

67-63-0 propan-2-ol

140-88-5 ethyl acrylate

· TSCA (Toxic Substances Control Act):

111-76-2 2-butoxyethanol

ACTIVE

67-63-0 propan-2-ol

ACTIVE

108-01-0 2-dimethylaminoethanol

ACTIVE

104-76-7 2-Ethyl-1-hexanol

ACTIVE

140-88-5 ethyl acrylate

ACTIVE

7732-18-5 water, distilled, conductivity or of similar purity

ACTIVE

· Hazardous Air Pollutants

140-88-5 ethyl acrylate

· Proposition 65**· Chemicals known to cause cancer:**

140-88-5 ethyl acrylate

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories**· EPA (Environmental Protection Agency)**

111-76-2 2-butoxyethanol

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· TLV (Threshold Limit Value established by ACGIH)

| | | |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | A3 |
| 67-63-0 | propan-2-ol | A4 |
| 140-88-5 | ethyl acrylate | A4 |

· NIOSH-Ca (National Institute for Occupational Safety and Health)

| | |
|----------|----------------|
| 140-88-5 | ethyl acrylate |
|----------|----------------|

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms Void**· Signal word** Warning**· Hazard statements**

Combustible liquid.

· Precautionary statements

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

· Department issuing SDS: Product safety department**· Contact:** N/A**· Date of preparation / last revision** 09/11/2019 / -**· Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 4: Flammable liquids – Category 4