



## Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024

Reviewed on 11/16/2024

### 1 Identification

- **Product identifier**
- **Trade name:** GO950 CARMINE RED
- **Article number:** GO950
- **Application of the substance / the mixture** refer to the relevant Technical Data Sheet
- **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**



GHS08 Health hazard

Toxic to Reproduction 1B H360 May damage fertility or the unborn child.

Flammable liquids 4 H227 Combustible liquid.

- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
N-methyl-2-pyrrolidone
- **Hazard statements**  
Combustible liquid.  
May damage fertility or the unborn child.
- **Precautionary statements**  
Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.

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

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

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

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 Health = \*0

FIRE 2 Fire = 2

REACTIVITY 0 Reactivity = 0

- **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%
67-63-0	propan-2-ol	≤2.5%
872-50-4	N-methyl-2-pyrrolidone	≤2.5%

### 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.

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- **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:**  
CO<sub>2</sub>, 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** Not required.
- **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 section 13.
- **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
872-50-4	N-methyl-2-pyrrolidone	30 ppm
108-01-0	2-dimethylaminoethanol	3.7 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
872-50-4	N-methyl-2-pyrrolidone	32 ppm
108-01-0	2-dimethylaminoethanol	12 ppm

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140-88-5	ethyl acrylate	36 ppm
<b>· PAC-3:</b>		
111-76-2	2-butoxyethanol	700 ppm
67-63-0	propan-2-ol	12000** ppm
872-50-4	N-methyl-2-pyrrolidone	190 ppm
108-01-0	2-dimethylaminoethanol	72 ppm
140-88-5	ethyl acrylate	240 ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
Keep respiratory protective device available.
- **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:** 6.1 C
- **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 section 7.
- **Control parameters**

#### · Components with limit values that require monitoring at the workplace:

<b>111-76-2 2-butoxyethanol</b>	
PEL	Long-term value: 240 mg/m <sup>3</sup> , 50 ppm Skin
REL	Long-term value: 24 mg/m <sup>3</sup> , 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3
<b>67-63-0 propan-2-ol</b>	
PEL	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm

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REL	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV	Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4
<b>872-50-4 N-methyl-2-pyrrolidone</b>	
TLV	BEI
WEEL	Long-term value: 10 ppm Skin

· **Ingredients with biological limit values:**

**111-76-2 2-butoxyethanol**

BEI	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid (BAA) (with hydrolysis)
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**67-63-0 propan-2-ol**

BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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**872-50-4 N-methyl-2-pyrrolidone**

BEI	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone
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· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.

· **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.

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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.

### 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 at 20 °C (68 °F):**

7.4-8.4

- **Change in condition**

**Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

100 °C (212 °F)

- **Flash point:**

68 °C (154.4 °F)

- **Flammability:**

Not applicable.

- **Auto igniting:**

240 °C (464 °F)

- **Decomposition temperature:**

Not determined.

- **Ignition temperature:**

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)

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|------------------------------------|---|
| · <b>Density at 20 °C (68 °F):</b> | 1.046 g/cm <sup>3</sup> (8.72887 lbs/gal) |
| · <b>Relative density</b>          | Not determined.                           |
| · <b>Vapor density</b>             | Not determined.                           |
| · <b>Evaporation rate</b>          | Not determined.                           |

- |  |                                   |
|--|-----------------------------------|
| · <b>Solubility in / Miscibility with Water:</b> | Not miscible or difficult to mix. |
|--|-----------------------------------|

- |   |                 |
|---|-----------------|
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined. |
|---|-----------------|

- |                     |                 |
|---------------------|-----------------|
| · <b>Viscosity:</b> |                 |
| <b>Dynamic:</b>     | Not determined. |
| <b>Kinematic:</b>   | Not determined. |

- |                              |                         |
|------------------------------|-------------------------|
| · <b>Solvent content:</b>    |                         |
| <b>Organic solvents:</b>     | 7.6 %                   |
| <b>Water:</b>                | 61.7 %                  |
| <b>Coating VOC content:</b>  | 7.57 %                  |
|                              | 223.3 g/l / 1.86 lb/gal |
| <b>Material VOC content:</b> | 79.1 g/l / 0.66 lb/gal  |

- |                        |        |
|------------------------|--------|
| <b>Solids content:</b> | 28.2 % |
|------------------------|--------|

- |                            |  |
|----------------------------|--|
| · <b>Other information</b> | 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:**

- |   |
|---|
| · <b>LD/LC50 values that are relevant for classification:</b> |
|---|

111-76-2 2-butoxyethanol

Oral	LD50	1,200 mg/kg (ATE)
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		1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Inhalative	LC50/4 h	3 mg/l (ATE)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

- **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.

- **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.

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### 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

- |  |                                  |
|--|----------------------------------|
| · <b>UN-Number</b>   | NOT APPLICABLE                   |
| · <b>UN proper shipping name</b>   | NOT APPLICABLE                   |
| · <b>Transport hazard class(es)</b>  | NOT APPLICABLE<br>NOT APPLICABLE |
| · <b>Packing group</b>   | NOT APPLICABLE                   |
| · <b>Environmental hazards:</b>  |                                  |
| · <b>Marine pollutant:</b>   | No                               |
| · <b>Special precautions for user</b>  | Not applicable.                  |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.                  |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **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
872-50-4	N-methyl-2-pyrrolidone
140-88-5	ethyl acrylate

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· **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
111-76-2	2-butoxyethanol	ACTIVE
67-63-0	propan-2-ol	ACTIVE
872-50-4	N-methyl-2-pyrrolidone	ACTIVE
108-01-0	2-dimethylaminoethanol	ACTIVE
25265-71-8	Dipropylene glycol (isomer unspecified)	ACTIVE
140-88-5	ethyl acrylate	ACTIVE

· **Hazardous Air Pollutants**

140-88-5	ethyl acrylate
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· **Proposition 65**

· **Chemicals known to cause cancer:**

140-88-5	ethyl acrylate
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· **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:**

872-50-4	N-methyl-2-pyrrolidone
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· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

111-76-2	2-butoxyethanol	NL
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· **TLV (Threshold Limit Value)**

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
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· **GHS label elements**

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

· **Hazard pictograms**



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- **Signal word** *Danger*
- **Hazard-determining components of labeling:**  
*N-methyl-2-pyrrolidone*
- **Hazard statements**  
*Combustible liquid.*  
*May damage fertility or the unborn child.*
- **Precautionary statements**  
*Obtain special instructions before use.*  
*Do not handle until all safety precautions have been read and understood.*  
*Keep away from flames and hot surfaces. – No smoking.*  
*Wear protective gloves/protective clothing/eye protection/face protection.*  
*IF exposed or concerned: Get medical advice/attention.*  
*In case of fire: Use CO2, powder or water spray to extinguish.*  
*Store in a well-ventilated place. Keep cool.*  
*Store locked up.*  
*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** *11/16/2024 / 1.0*
- **Abbreviations and acronyms:**  
*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)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*  
*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*  
*Flammable liquids 4: Flammable liquids – Category 4*  
*Toxic to Reproduction 1B: Reproductive toxicity – Category 1B*
- **\* Data compared to the previous version altered.**