

## Safety Data Sheet acc. to OSHA HCS

Printing date 05/06/2019

Reviewed on 05/06/2019

### 1 Identification

- **Product identifier**
- **Trade name:** W350 OXIDE YELLOW
- **Article number:** W350
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
General Paint Co. SAL  
P.O. Box 7623  
Beirut  
LEBANON  
info@hymax.biz
- **Information department:** Product Safety Department
- **Emergency telephone number:** During normal opening times: 1-800-535-5053

### 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.

· <b>Dangerous components:</b>		
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.

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• **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.

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
7447-41-8	lithium chloride	2.3 mg/m <sup>3</sup>

• **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
7447-41-8	lithium chloride	25 mg/m <sup>3</sup>

• **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
7447-41-8	lithium chloride	150 mg/m <sup>3</sup>

### 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.

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- **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
- **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**

<b>Components with limit values that require monitoring at the workplace:</b>	
<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: 97 mg/m <sup>3</sup> , 20 ppm BEI

- **Ingredients with biological limit values:**

<b>111-76-2 2-butoxyethanol</b>	
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.

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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:** 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)

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· <b>Density at 20 °C (68 °F):</b>	1.062 g/cm <sup>3</sup> (8.86239 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>	8.8 %
<b>Water:</b>	60.5 %
<b>Coating VOC content:</b>	8.77 %
	260.4 g/l / 2.17 lb/gal
<b>Material VOC content:</b>	93.1 g/l / 0.78 lb/gal
<b>Solids content:</b>	29.9 %
· <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:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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- **Additional toxicological information:**
- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>		
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.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **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
· <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**
- **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
7447-41-8	lithium chloride	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE

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· <b>Hazardous Air Pollutants</b>	
140-88-5	ethyl acrylate

· <b>Proposition 65</b>	
· <b>Chemicals known to cause cancer:</b>	
140-88-5	ethyl acrylate

· <b>Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	

· <b>Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	

· <b>Chemicals known to cause developmental toxicity:</b>	
None of the ingredients is listed.	

· <b>Carcinogenic categories</b>		
· <b>EPA (Environmental Protection Agency)</b>		
111-76-2	2-butoxyethanol	NL

· <b>TLV (Threshold Limit Value established by ACGIH)</b>		
111-76-2	2-butoxyethanol	A3
67-63-0	propan-2-ol	A4
140-88-5	ethyl acrylate	A4

· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
140-88-5	ethyl acrylate

· <b>GHS label elements</b>	
The product is classified and labeled according to the Globally Harmonized System (GHS).	
· <b>Hazard pictograms</b> Void	
· <b>Signal word</b> Warning	
· <b>Hazard statements</b>	
Combustible liquid.	
· <b>Precautionary statements</b>	
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: CO <sub>2</sub> , powder or water spray.	
Store in a well-ventilated place. Keep cool.	
Dispose of contents/container in accordance with local/regional/national/international regulations.	
· <b>Chemical safety assessment:</b> 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.

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- **Department issuing SDS:** Product safety department
- **Contact:** N/A
- **Date of preparation / last revision** 05/06/2019 / -
- **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

US