



Safety Data Sheet according to HPR, Schedule 1

Printing date 07/18/2024

Reviewed on 07/18/2024

1 Identification

- **Product identifier**
- **Trade name:** 7021 ULTRA PERFORMANCE CLEAR
- **Article number:** 7021
- **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 identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids - Category 3 H226 Flammable liquid and vapour.



GHS07

Skin Sensitizer - Category 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Warning

- **Hazard-determining components of labeling:**

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate
bis(4-(1,2-bis(ethoxycarbonyl)ethy-lamino)-3-methylcyclohexyl)methane
s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-

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*bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate***• Hazard statements***Flammable liquid and vapour.**May cause an allergic skin reaction.***• Precautionary statements***If medical advice is needed, have product container or label at hand.**Keep out of reach of children.**Read label before use.**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Keep container tightly closed.**Ground and bond container and receiving equipment.**Use explosion-proof [electrical/ventilating/lighting] equipment.**Use non-sparking tools.**Take actions to prevent static discharges.**Avoid breathing dust/fume/gas/mist/vapours/spray.**Contaminated work clothing should not be allowed out of the workplace.**Wear protective gloves/protective clothing/eye protection/face protection.**IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].**Take off contaminated clothing and wash it before reuse.**If skin irritation or rash occurs: Get medical advice/attention.**Specific treatment (see on this label).**In case of fire: Use CO₂, powder or water spray to extinguish.**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 = 3

Reactivity = 0

• HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 3

Reactivity = 0

3 Composition/Information on ingredients

• Chemical characterization: Mixtures**• Description:** *Mixture of the substances listed below with nonhazardous additions.***• Dangerous components:**136210-30-5 *tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate*

30-60% w/w *

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136210-32-7	bis(4-(1,2-bis(ethoxycarbonyl)ethy-lamino)-3-methylcyclohexyl)methane	10-30% w/w *
64742-95-6	Solvent naphtha (petroleum), light arom.	3-7% w/w *
141-78-6	ethyl acetate	3-7% w/w *
1330-20-7	xylene	3-7% w/w *
123-86-4	n-butyl acetate	3-7% w/w *
623-91-6	diethyl fumarate	1-5% w/w *
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-	0.1-1% w/w *
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	0.1-1% w/w *

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

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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 section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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:** 3
- **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:**141-78-6 ethyl acetate**

EL TWA: 150 ppm

EV TWA: 1,440 mg/m³, 400 ppm

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1330-20-7 xylene

EL	STEL: 150 ppm TWA: 100 ppm
EV	STEL: 650 mg/m ³ , 150 ppm TWA: 435 mg/m ³ , 100 ppm

123-86-4 n-butyl acetate

EL	STEL: 150 ppm TWA: 50 ppm
EV	STEL: 950 mg/m ³ , 200 ppm TWA: 710 mg/m ³ , 150 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **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.
- **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.

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· Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

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

Liquid

Color:

Clear

· Odor:

Characteristic

· Odor threshold:

Not determined.

· pH-value:

Not determined.

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

Undetermined.

Boiling point/Boiling range:

77 °C

· Flash point:

24 °C

· Flammability (solid, gaseous):

Flammable.

· Auto igniting:

370 °C

· Decomposition temperature:

Not determined.

· Ignition temperature:

Product is not selfigniting.

· Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· Explosion limits:**Lower:**

1 Vol %

Upper:

7.5 Vol %

· Vapor pressure at 20 °C:

10.7 hPa

· Density at 20 °C:1.05 g/cm³**· Relative density**

Not determined.

· Vapor density

Not determined.

· Evaporation rate

Not determined.

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- | | | |
|---|--|--|
| · Solubility in / Miscibility with Water: | | Not miscible or difficult to mix. |
| · Partition coefficient (n-octanol/water): Not determined. | | |
| · Viscosity: | | |
| Dynamic: | | Not determined. |
| Kinematic: | | Not determined. |
| · Solvent content: | | |
| Organic solvents: | | 23.0 % |
| Coating VOC content: | | 23.02 % |
| | | 241.7 g/l / 2.02 lb/gal |
| Material VOC content: | | 241.7 g/l / 2.02 lb/gal |
| · Solids content: | | 76.2 % |
| · 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:**

· **LD/LC50 values that are relevant for classification:****64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

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- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

1330-20-7 xylene

3

- **NTP (National Toxicology Program)**

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 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **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.

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14 Transport information

· UN-Number	UN1263
· DOT/TDG, ADR, IMDG, IATA	
· UN proper shipping name	Paint
· DOT/TDG	1263 Paint
· ADR	PAINT
· IMDG, IATA	
· Transport hazard class(es)	
· DOT/TDG (Transport dangerous goods):	
	
· Class	3 Flammable liquids
· Label	3
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids
· Label	3
· Packing group	III
· DOT/TDG, ADR, IMDG, IATA	
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E, S-E
· Stowage Category	A
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT/TDG	
· Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L

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· ADR	
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

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):**

1330-20-7	xylene
122-99-6	2-phenoxyethanol
104-68-7	Diethylene glycol monophenyl ether

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

136210-30-5	tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate	ACTIVE
136210-32-7	bis(4-(1,2-bis(ethoxycarbonyl)ethy-lamino)-3-methylcyclohexyl)methane	ACTIVE
141-78-6	ethyl acetate	ACTIVE
1330-20-7	xylene	ACTIVE
123-86-4	n-butyl acetate	ACTIVE
623-91-6	diethyl fumarate	ACTIVE
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-	ACTIVE
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	ACTIVE
82919-37-7	methyl 1,2,2,6,6pntamethyl-4-piperidyl sebacate	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
122-99-6	2-phenoxyethanol	ACTIVE
104-68-7	Diethylene glycol monophenyl ether	ACTIVE

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556-67-2	octamethylcyclotetrasiloxane	ACTIVE
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Canadian substance listings:**Canadian Domestic Substances List (DSL)**

136210-30-5	tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate
136210-32-7	bis(4-(1,2-bis(ethoxycarbonyl)ethy-lamino)-3-methylcyclohexyl)methane
141-78-6	ethyl acetate
1330-20-7	xylene
123-86-4	n-butyl acetate
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
82919-37-7	methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate
108-65-6	2-methoxy-1-methylethyl acetate
122-99-6	2-phenoxyethanol
104-68-7	Diethylene glycol monophenyl ether
556-67-2	octamethylcyclotetrasiloxane
70657-70-4	2-methoxypropyl acetate

Canadian Non-Domestic Substances List (NDSL)

623-91-6	diethyl fumarate
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Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.	
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Canadian Ingredient Disclosure list (limit 1%)

141-78-6	ethyl acetate
123-86-4	n-butyl acetate

GHS label elements

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

Hazard pictograms

GHS02 GHS07

Signal word Warning**Hazard-determining components of labeling:**

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate
bis(4-(1,2-bis(ethoxycarbonyl)ethy-lamino)-3-methylcyclohexyl)methane
s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

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• Hazard statements*Flammable liquid and vapour.**May cause an allergic skin reaction.***• Precautionary statements***If medical advice is needed, have product container or label at hand.**Keep out of reach of children.**Read label before use.**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Keep container tightly closed.**Ground and bond container and receiving equipment.**Use explosion-proof [electrical/ventilating/lighting] equipment.**Use non-sparking tools.**Take actions to prevent static discharges.**Avoid breathing dust/fume/gas/mist/vapours/spray.**Contaminated work clothing should not be allowed out of the workplace.**Wear protective gloves/protective clothing/eye protection/face protection.**IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].**Take off contaminated clothing and wash it before reuse.**If skin irritation or rash occurs: Get medical advice/attention.**Specific treatment (see on this label).**In case of fire: Use CO₂, powder or water spray to extinguish.**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 the latest revision of the safety data sheet** 07/18/2024 / 1.1**• Abbreviations and acronyms:***ICAO: International Civil Aviation Organisation**IMDG: International Maritime Code for Dangerous Goods**DOT: US Department of Transportation**IATA: International Air Transport Association**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*

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vPvB: very Persistent and very Bioaccumulative

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• *** Data compared to the previous version altered.**

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