

2924612

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01 Identification

- **Product identifier**
- *Trade name:*
ALPOCRYL LE 5393
- Article number:
539300
- **Details of the supplier of the safety data sheet**
- *Manufacturer/Supplier:*
Teknos Feyco AG
Industriestrasse 3
LI-9487 Gamprin-Bendern
T +423 375 94 00
F +423 375 94 99
- *Information department:*
Product safety department. e-mail: li-sdb@teknos.com
- *Emergency telephone number:*
Swiss Toxicological Information Centre Emergency telephone: +41 (0)44 251 51 51

02 Hazard(s) identification

- *Classification of the substance or mixture*



GHS02

Flam. Liq. 3 - H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 - H332 Harmful if inhaled.
 Skin Irrit. 2 - H315 Causes skin irritation.
 Skin Sens. 1 - H317 May cause an allergic skin reaction.
 STOT SE 3 - H336 May cause drowsiness or dizziness.



GHS08

Carc. 2 - H351 Suspected of causing cancer.
 STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.

- *Label elements*
- GHS label elements
- Hazard pictograms



GHS02



GHS07



GHS08

- Signal word
Warning

- Hazard-determining components of labeling:
n-butyl acetate / xylene / ethylbenzene / 2-butoxyethyl acetate
- Hazard statements
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.

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H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

• Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

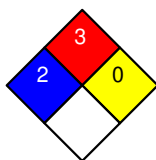
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P302+P352 IF ON SKIN: Wash with plenty of water.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

• NFPA ratings (scale 0 - 4)



Health = 2
Fire = 3
Reactivity = 0

Health = 2

Fire = 3

Reactivity = 0

• HMIS-ratings (scale 0 - 4)

Health	2
Fire	3
Reactivity	0

Health = *2
Fire = 3
Reactivity = 0

Health = *2

Fire = 3

Reactivity = 0

03 Composition/information on ingredients• **Chemical characterization: Mixtures**• **Description:**

Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

CAS Number		%
123-86-4	n-butyl acetate EC number: 204-658-1 Reg. nr.: 01-2119485493-29	25,00- 40,00
1330-20-7	xylene EC number: 215-535-7 Reg. nr.: 01-2119488216-32	15,00- 25,00
100-41-4	ethylbenzene EC number: 202-849-4 Reg. nr.: 01-2119489370-35	1,00- 5,00
80-62-6	methyl methacrylate EC number: 201-297-1 Reg. nr.: 01-2119452498-28	0,00- 0,50
112-07-2	2-butoxyethyl acetate EC number: 203-933-3 Reg. nr.: 01-2119475112-47	1,00- 5,00

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- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- **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:**
Do not induce vomiting; immediately call for medical help.

05 Fire-fighting measures

- **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**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**
Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

06 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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.
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.
- **Protective Action Criteria for Chemicals**
- PAC-1:

100-41-4	ethylbenzene	: 33 ppm
108-65-6	2-methoxy-1-methylethyl acetate	: 50 ppm
108-88-3	toluene	: 67 ppm
112-07-2	2-butoxyethyl acetate	: 15 ppm
123-86-4	n-butyl acetate	: 5 ppm
1330-20-7	xylene	: 130 ppm
13463-67-7	titanium dioxide	: 30 mg/m ³
140-88-5	ethyl acrylate	: 8.3 ppm
14808-60-7	Quartz (SiO ₂)	: 0.075 mg/m ³
50-00-0	formaldehyde	: 0.90 ppm
556-67-2	octamethylcyclotetrasiloxane	: 30 ppm
67-68-5	dimethyl sulfoxide	: 150 ppm
7447-41-8	lithium chloride	: 2.3 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	: 18 mg/m ³
7664-38-2	phosphoric acid ...%	: 3 mg/m ³

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78-83-1	butanol : 150 ppm
80-62-6	methyl methacrylate : 17 ppm
868-77-9	2-hydroxyethyl methacrylate : 1.9 mg/m ³
9002-88-4	polyethylene wax : 16 mg/m ³
• PAC-2:	
100-41-4	ethylbenzene : 1100* ppm
108-65-6	2-methoxy-1-methylethyl acetate : 1,000 ppm
108-88-3	toluene : 560 ppm
112-07-2	2-butoxyethyl acetate : 35 ppm
123-86-4	n-butyl acetate : 200 ppm
1330-20-7	xylene : 920* ppm
13463-67-7	titanium dioxide : 330 mg/m ³
140-88-5	ethyl acrylate : 36 ppm
14808-60-7	Quartz (SiO ₂) : 33 mg/m ³
50-00-0	formaldehyde : 14 ppm
556-67-2	octamethylcyclotetrasiloxane : 68 ppm
67-68-5	dimethyl sulfoxide : 290 ppm
7447-41-8	lithium chloride : 25 mg/m ³
7631-86-9	silicon dioxide, chemically prepared : 740 mg/m ³
7664-38-2	phosphoric acid ...% : 30 mg/m ³
78-83-1	butanol : 1,300 ppm
80-62-6	methyl methacrylate : 120 ppm
868-77-9	2-hydroxyethyl methacrylate : 21 mg/m ³
9002-88-4	polyethylene wax : 170 mg/m ³
• PAC-3:	
100-41-4	ethylbenzene : 1800* ppm
108-65-6	2-methoxy-1-methylethyl acetate : 5000* ppm
108-88-3	toluene : 3700* ppm
112-07-2	2-butoxyethyl acetate : 210 ppm
123-86-4	n-butyl acetate : 3000* ppm
1330-20-7	xylene : 2500* ppm
13463-67-7	titanium dioxide : 2,000 mg/m ³
140-88-5	ethyl acrylate : 240 ppm
14808-60-7	Quartz (SiO ₂) : 200 mg/m ³
50-00-0	formaldehyde : 56 ppm
556-67-2	octamethylcyclotetrasiloxane : 130 ppm
67-68-5	dimethyl sulfoxide : 1,800 ppm
7447-41-8	lithium chloride : 150 mg/m ³
7631-86-9	silicon dioxide, chemically prepared : 4,500 mg/m ³
7664-38-2	phosphoric acid ...% : 150 mg/m ³
78-83-1	butanol : 8000* ppm
80-62-6	methyl methacrylate : 570 ppm
868-77-9	2-hydroxyethyl methacrylate : 1,000 mg/m ³
9002-88-4	polyethylene wax : 1,000 mg/m ³

07 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Take note of emission threshold.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Not required.
- **Further information about storage conditions:**

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Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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

08 Exposure controls/personal protection

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

123-86-4	n-butyl acetate		
PEL			
	Long-term value	710	mg/m3
		150	ppm
REL			
	Short-term value	950	mg/m3
		200	ppm
	Long-term value	710	mg/m3
		150	ppm
TLV			
	Short-term value	712	mg/m3
		150	ppm
	Long-term value	238	mg/m3
		50	ppm
1330-20-7	xylene		
PEL			
	Long-term value	435	mg/m3
		100	ppm
REL			
	Short-term value	655	mg/m3
		150	ppm
	Long-term value	435	mg/m3
		100	ppm
TLV			
	Short-term value	651	mg/m3
		150	ppm
	Long-term value	434	mg/m3
		100	ppm
	BEI		
100-41-4	ethylbenzene		
PEL			
	Long-term value	435	mg/m3
		100	ppm
REL			
	Short-term value	545	mg/m3
		125	ppm
	Long-term value	435	mg/m3
		100	ppm
TLV			
	Long-term value	87	mg/m3
		20	ppm
	BEI		

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80-62-6	methyl methacrylate		
PEL			
	Long-term value	410	mg/m3
		100	ppm
REL			
	Long-term value	410	mg/m3
		100	ppm
TLV			
	Short-term value	410	mg/m3
		100	ppm
	Long-term value	205	mg/m3
		50	ppm
	DSEN		
112-07-2	2-butoxyethyl acetate		
REL			
	Long-term value	33	mg/m3
		5	ppm
TLV			
	Long-term value	130	mg/m3
		20	ppm

- Ingredients with biological limit values:

1330-20-7 xylene**BEI****1.5 g/g creatinine****urine****end of shift****Methylhippuric acids****100-41-4****ethylbenzene****BEI****0.7 g/g creatinine****urine****end of shift at end of workweek****Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)****-****end-exhaled air****not critical****Ethyl benzene (semi-quantitative)**

- **Additional information:**

The lists that were valid during the creation were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Be sure to clean skin thoroughly after work and before breaks.

- **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. Suitable respiratory protective device recommended.

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- **Protection of hands:** 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 Protective gloves Impervious gloves
- **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.
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **Eye protection:** Safety glasses Tightly sealed goggles
- **Body protection:** Protective work clothing

09 Physical and chemical properties**General Information****Appearance:**

Form:	Liquid
Color:	According to product specifica
Odor:	Characteristic Characteristic
Odor threshold:	Not determined.

Change in condition

Boiling point/Boiling range:	124 °C
Flash point:	27 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	425 °C
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	1 Vol %
Upper:	7 Vol %
Vapor pressure:	at 20 °C 6,7000 mbar at 50 °C 55,0000 mbar
Density:	1,1600 g/cm3
Solubility in / Miscibility with	
Water:	Not determined.
Viscosity:	
.	at 23 °C 250 - 350 mPa.s
.	Not determined.
Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Incompatible materials:**
No further relevant information available.
- **Hazardous decomposition products:**
No dangerous decomposition products known.

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11 Toxicological information• **Acute toxicity:**

- *LD/LC50 values that are relevant for classification:*

123-86-4**n-butyl acetate**

Oral, LD50: 13100 mg/kg (rat) Dermal, LD50: >5000 mg/kg (Rabbit) Inhalative, LC50/4h: >21 mg/l (rat) Oral, LD50: 4300 mg/kg (rat) Dermal, LD50: 2000 mg/kg (Rabbit) Oral, LD50: 3500 mg/kg (rat) Dermal, LD50: 17800 mg/kg (Rabbit) Oral, LD50: 7872 mg/kg (rat) Oral, LD50: 5050 mg/kg (rat) Oral, LD50: 8532 mg/kg (rat) Inhalative, LC50/4h: 35,7 mg/l (rat) Oral, LD50: >6800 mg/kg (rat) Dermal, LD50: >3400 mg/kg (Rabbit) Inhalative, LC50/4h: >10,2 mg/l (rat) Oral, LD50: >200 mg/kg (rat) Oral, LD50: >20000 mg/kg (rat) Dermal, LD50: >10000 mg/kg (Rabbit) Inhalative, LC50/4h: >6,82 mg/l (rat) Oral, LD50: 10000 mg/kg (rat) Oral, LD50: 2400 mg/kg (rat) Dermal, LD50: 1580 mg/kg (Rabbit) Oral, LD50: 2460 mg/kg (rat) Dermal, LD50: 3400 mg/kg (Rabbit) Oral, LD50: 5000 mg/kg (rat) Dermal, LD50: 12124 mg/kg (Rabbit) Inhalative, LC50/4h: 5320 mg/l (mouse) Oral, LD50: 800 mg/kg (rat) Dermal, LD50: 1834 mg/kg (Rabbit) Inhalative, LC50/4h: 2180 mg/l (rat) Oral, LD50: 526 mg/kg (rat) Oral, LD50: 14500 mg/kg (rat)

1330-20-7**xylene****100-41-4****ethylbenzene****80-62-6****methyl methacrylate****868-77-9****2-hydroxyethyl methacrylate****108-65-6****2-methoxy-1-methylethyl acetate****64742-95-6****Solvent naphtha (petroleum), light arom.****50-00-0****formaldehyde****13463-67-7****titanium dioxide****7631-86-9****silicon dioxide, chemically prepared****112-07-2****2-butoxyethyl acetate****78-83-1****butanol****108-88-3****toluene****140-88-5****ethyl acrylate****7447-41-8****lithium chloride****67-68-5****dimethyl sulfoxide**

- *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:
Harmful

- *Carcinogenic categories*

- IARC (International Agency for Research on Cancer)

100-41-4 ethylbenzene : 2B

108-88-3 toluene : 3

1330-20-7 xylene : 3

13463-67-7 titanium dioxide : 2B

140-88-5 ethyl acrylate : 2B

14808-60-7 Quartz (SiO₂) : 1

50-00-0 formaldehyde : 1

7631-86-9 silicon dioxide, chemically prepared : 3

80-62-6 methyl methacrylate : 3

9002-88-4 polyethylene wax : 3

- NTP (National Toxicology Program)

140-88-5 ethyl acrylate : R

14808-60-7 Quartz (SiO₂) : K

50-00-0 formaldehyde : K

- OSHA-Ca (Occupational Safety & Health Administration)

50-00-0 formaldehyde

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- 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.
- **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.

13 Disposal considerations

- **Uncleaned packagings:**
- *Recommendation:*
Disposal must be made according to official regulations.

14 Transport information• **UN-Number**

DOT	UN1263
ADR	UN1263
IMDG	UN1263
IATA	UN1263

• **UN proper shipping name**

DOT	PAINT
ADR	1263 FARBE
IMDG	PAINT
IATA	PAINT

• **Transport hazard class(es)**

DOT	
Class	3 Flammable liquids
Label	3



ADR	
Class	3 Flammable liquids
Label	3



IMDG	
Class	3 Flammable liquids

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Label**3****IATA****Class**

3 Flammable liquids

Label**3**• **Packing group****DOT** III**ADR** III**IMDG** III**IATA** III• **Environmental hazards:**

Not applicable.

• **Special precautions for user**

Warning: Flammable liquids

Danger code (Kemler): 30**EMS Number:** F-E,S-E• **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

• **Transport/Additional information:**

Not applicable.

DOT**Quantity limitations** On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L**IMDG****Limited quantities (LQ)** 5L**Excepted quantities (EQ)** E1• **UN "Model Regulation":**

UN 1263 FARBE, 3, III

15 Regulatory information• **TSCA (Toxic Substances Control Act):**

100-41-4 ethylbenzene : ACTIVE
 108-65-6 2-methoxy-1-methylethyl acetate : ACTIVE
 108-88-3 toluene : ACTIVE
 112-07-2 2-butoxyethyl acetate : ACTIVE
 123-86-4 n-butyl acetate : ACTIVE
 1330-20-7 xylene : ACTIVE
 13463-67-7 titanium dioxide : ACTIVE
 140-88-5 ethyl acrylate : ACTIVE
 14808-60-7 Quartz (SiO₂) : ACTIVE
 50-00-0 formaldehyde : ACTIVE
 541-02-6 decamethylcyclopentasiloxane : ACTIVE
 556-67-2 octamethylcyclotetrasiloxane : ACTIVE
 64742-95-6 Solvent naphtha (petroleum), light arom.
 67-68-5 dimethyl sulfoxide : ACTIVE
 68909-20-6 Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products withsilica : ACTIVE

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7447-41-8	lithium chloride : ACTIVE
7631-86-9	silicon dioxide, chemically prepared : ACTIVE
7664-38-2	phosphoric acid ...% : ACTIVE
78-83-1	butanol : ACTIVE
8002-74-2	Paraffin waxes and Hydrocarbon waxes : ACTIVE
80-62-6	methyl methacrylate : ACTIVE
868-77-9	2-hydroxyethyl methacrylate : ACTIVE
9002-88-4	polyethylene wax : ACTIVE
9004-36-8	CELLULOSE ACETATE BUTYRATE : ACTIVE
9017-09-8	polyurethane : ACTIVE

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

100-41-4	ethylbenzene
13463-67-7	titanium dioxide
140-88-5	ethyl acrylate
14808-60-7	Quartz (SiO ₂)
50-00-0	formaldehyde

• **Chemicals known to cause reproductive toxicity for females:**

108-88-3	toluene
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• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

108-88-3	toluene
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• **Carcinogenic categories**• **EPA (Environmental Protection Agency)**

100-41-4	ethylbenzene : D
108-88-3	toluene : II
1330-20-7	xylene : I
50-00-0	formaldehyde : B1
80-62-6	methyl methacrylate : E, NL

• **TLV (Threshold Limit Value established by ACGIH)**

100-41-4	ethylbenzene : A3
108-88-3	toluene : A4
112-07-2	2-butoxyethyl acetate : A3
1330-20-7	xylene : A4
13463-67-7	titanium dioxide : A4
140-88-5	ethyl acrylate : A4
14808-60-7	Quartz (SiO ₂) : A2
50-00-0	formaldehyde : A2
80-62-6	methyl methacrylate : A4

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

13463-67-7	titanium dioxide
140-88-5	ethyl acrylate
14808-60-7	Quartz (SiO ₂)
50-00-0	formaldehyde

• **National regulations:**• **Classification according to VbF:**

-

• **Technical instructions (air):**• **Class Share in %**

III	30,66
II	18,90
I	

• **Water hazard class:**

Water hazard class 2 (Self-assessment): hazardous for water.

• **New Jersey Right-to-Know List:**

13463-67-7	titanium dioxide
140-88-5	ethyl acrylate
14808-60-7	Quartz (SiO ₂)

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50-00-0	formaldehyde
67-68-5	dimethyl sulfoxide
7664-38-2	phosphoric acid ...%
78-83-1	butanol
8002-74-2	Paraffin waxes and Hydrocarbon waxes
80-62-6	methyl methacrylate
100-41-4	ethylbenzene
108-88-3	toluene
112-07-2	2-butoxyethyl acetate
123-86-4	n-butyl acetate
1330-20-7	xylene
• <i>New Jersey Special Hazardous Substance List:</i>	
100-41-4	ethylbenzene : CA, F3
108-88-3	toluene : TE, F3
123-86-4	n-butyl acetate : F3
1330-20-7	xylene : F3
140-88-5	ethyl acrylate : CA, F3, R2
14808-60-7	Quartz (SiO ₂) : CA
50-00-0	formaldehyde : CA, CO, MU, F4
67-68-5	dimethyl sulfoxide : TE, F2
7664-38-2	phosphoric acid ...% : CO
78-83-1	butanol : F3
80-62-6	methyl methacrylate : F3, R2
• <i>Pennsylvania Right-to-Know List:</i>	
100-41-4	ethylbenzene
108-88-3	toluene
123-86-4	n-butyl acetate
1330-20-7	xylene
13463-67-7	titanium dioxide
140-88-5	ethyl acrylate
14808-60-7	Quartz (SiO ₂)
50-00-0	formaldehyde
7631-86-9	silicon dioxide, chemically prepared
7664-38-2	phosphoric acid ...%
78-83-1	butanol
8002-74-2	Paraffin waxes and Hydrocarbon waxes
80-62-6	methyl methacrylate
• <i>Pennsylvania Special Hazardous Substance List:</i>	
100-41-4	ethylbenzene : E
108-88-3	toluene : E
123-86-4	n-butyl acetate : E
1330-20-7	xylene : E
140-88-5	ethyl acrylate : ES
50-00-0	formaldehyde : ES
7664-38-2	phosphoric acid ...% : E
78-83-1	butanol : E
80-62-6	methyl methacrylate : E
• <i>Hazardous Air Pollutants</i>	
100-41-4	ethylbenzene
108-88-3	toluene
1330-20-7	xylene
140-88-5	ethyl acrylate
50-00-0	formaldehyde
80-62-6	methyl methacrylate

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.

• *Relevant phrases*

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.

(continued on page 13)

according to ISO/DIS 11014

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PRODUCT : ALPOCRYL LE 5393*(continued of page 12)*

H227	Combustible liquid.
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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

- **Department issuing MSDS:**

Environment protection department.

- **Date of preparation / last revision**

28.01.2020

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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