



SAFETY DATA SHEET

LH INCOLORE 70

Issued on 12/01/2010 - Rel. # 7 on 10/28/2021

Pag. 1 / 15

In conformity to Regulation (EU) 2020/878

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : LH INCOLORE 70

UFI: PS30-70G6-V00V-S3M1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Antiseptic for intact skin in alcoholic solution. External use.

Sectors of use:

Professional use[SU22]

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Lombarda H S.r.l.

Sede legale: via Volterra, 9 - 20146 Milano

Officina di produzione: Via Brisconno, Loc Mendosio 20081 Abbiategrosso (MI)

Tel. 02/94920654-94920509

Persona competente responsabile SDS: lh@lombardah.com

National contact: Lombarda H S.r.l.

1.4. Emergency telephone number

+39 - 02/94920654-94920509 :

Emergency: Lombarda H S.r.l.

E-mail address: lh@lombardah.com

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS02, GHS07

Hazard Class and Category Code(s):

Flam. Liq. 2, Eye Irrit. 2, Aquatic Chronic 3

Hazard statement Code(s):

H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

The product easily inflames if subordinate to an ignition source.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS02, GHS07 - Danger



Hazard statement Code(s):
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:

Prevention

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

P233 - Keep container tightly closed.

Response

P337+P313 - If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use CO2 or foam to extinguish.

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Disposal

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

Contains:

REGULATION (EU) No 528/2012, biocides contained: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides; Propan-2-ol; Ethyl Alcohol

UFI: PS30-70G6-V00V-S3M1

2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

In conformity to Regulation (EU) 2020/878

Substance	Concentration[w/w]	Classification	Identificativi
Ethyl Alcohol	$\geq 50,00 < 75\%$	Flam. Liq. 2, H225; Eye Irrit. 2, H319 Limits: Eye Irrit. 2, H319 %C ≥ 50 ; ATE oral = 14.000,0 mg/kg ATE dermal = 20.000,0 mg/kg ATE inhal = 20.000,0mg/l/4 h	CE 603-002-00-5 CAS 64-17-5 EINECS 200-578-6 REACH 01-2119457610-43-XXXX
Propan-2-ol	$\geq 1 < 3\%$	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 ATE oral = 4.710,0 mg/kg ATE dermal = 12.800,0 mg/kg ATE inhal = 72,6mg/l/4 h	CE 603-117-00-0 CAS 67-63-0 EINECS 200-661-7 REACH 01-2119457558-25-XXXX
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	$\geq 0,1 < 1\%$	Acute Tox. 4, H302; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 10 Chronic toxicity M-factor = 1 ATE oral = 398,0 mg/kg	CE ND CAS 68424-85-1 EINECS 270-325-2 REACH ND

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Ingestion:

Rinse mouth with water of the subject. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

If eye irritation persists: Get medical advice/attention.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

In the case of fire use: water spray or CO2.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

Do not smoke at work

At work do not eat or drink.

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

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Keep containers tightly closed.

Always store in well ventilated areas.

Never close the container tightly, leave a chance to vent

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Professional use:

Follow the rules of good hygiene in the workplace.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

Ethyl Alcohol:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 1000 ppm , 1880 mg/m³

Austria : TLV-TWA= 1000 ppm , 1900 mg/m³ - TLV-STEL= 2000 ppm , 3800 mg/m³

Belgium : TLV-TWA= 1000 ppm , 1907 mg/m³

Canada - Ontario : TLV-STEL= 1000 ppm , mg/m³

Canada - Québec : TLV-TWA= 1000 ppm , 1880 mg/m³

Denmark : TLV-TWA= 1000 ppm , 1900 mg/m³ - TLV-STEL= 2000 ppm , 3800 mg/m³

Finland : TLV-TWA= 1000 ppm , 1900 mg/m³ - TLV-STEL= 1300 (1) ppm , 2500 (1) mg/m³

France : TLV-TWA= 1000 ppm , 1900 mg/m³ - TLV-STEL= 5000 ppm , 9500 mg/m³

Germany (AGS) : TLV-TWA= 200 ppm , 380 mg/m³ - TLV-STEL= 800 (1) ppm , 1520 (1) mg/m³

Germany (DFG) : TLV-TWA= 200 ppm , 380 mg/m³ - TLV-STEL= 800 (1) ppm , 1520 (1) mg/m³

Hungary : TLV-TWA= 1900 mg/m³ - TLV-STEL= 7600 mg/m³

Ireland : TLV-STEL= 1000 (1) ppm

Latvia : TLV-TWA= 1000 mg/m³

New Zealand : TLV-TWA= 1000 ppm , 1880 mg/m³

Poland : TLV-TWA= 1900 mg/m³

Romania : TLV-TWA= 1000 ppm , 1900 mg/m³ - TLV-STEL= 5000 (1) ppm , 9500 (1) mg/m³

Singapore : TLV-TWA= 1000 ppm , 1880 mg/m³

South Korea : TLV-TWA= 1000 ppm , 1900 mg/m³

Spain : TLV-STEL= 1000 ppm , 1910 mg/m³

Sweden : TLV-TWA= 500 ppm , 1000 mg/m³ - TLV-STEL= 1000 (1) ppm , 1900 (1) mg/m³

Switzerland : TLV-TWA= 500 ppm , 960 mg/m³ - TLV-STEL= 1000 ppm , 1920 mg/m³

The Netherlands : TLV-TWA= 260 mg/m³ - TLV-STEL= 1900 mg/m³

USA - NIOSH : TLV-TWA= 1000 ppm , 1900 mg/m³

USA - OSHA : TLV-TWA= 1000 ppm , 1900 mg/m³

United Kingdom : TLV-TWA= 1000 ppm , 1920 mg/m³

Finland; (1) 15 minutes average value
 Germany (AGS); (1) 15 minutes average value
 Germany (DFG); (1) 15 minutes average value
 Ireland; (1) 15 minutes reference period
 Romania; (1) 15 minutes average value
 Sweden; (1) 15 minutes average value

Propan-2-ol:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 400 ppm , 983 mg/m³ - TLV-STEL= 500 ppm , 1230 mg/m³
 Austria : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 800 ppm , 2000 mg/m³
 Belgium : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 400 (1) ppm , 1000 (1) mg/m³
 Canada - Ontario : TLV-TWA= 200 ppm - TLV-STEL= 400 ppm
 Canada - Québec : TLV-TWA= 400 ppm , 983 mg/m³ - TLV-STEL= 500 ppm , 1230 mg/m³
 Denmark : TLV-TWA= 200 ppm , 490 mg/m³ - TLV-STEL= 400 ppm , 980 mg/m³
 Finland : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 250 (1) ppm , 620 (1) mg/m³
 France : TLV-TWA= TLV-STEL= 400 ppm , 980 mg/m³
 Germany (AGS) : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 400 (1) ppm , 1000 (1) mg/m³
 Germany (DFG) : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 400 (1) ppm , 1000 (1) mg/m³
 Hungary : TLV-TWA= 500 mg/m³ - TLV-STEL= 2000 mg/m³
 Ireland : TLV-TWA= 200 ppm - TLV-STEL= 400 (1) ppm
 Japan (MHLW) : TLV-TWA= 200 ppm
 Japan (JSOH) : TLV-TWA= 400 (1) ppm , 980 (1) mg/m³
 Latvia : TLV-TWA= 350 mg/m³ - TLV-STEL= 600 (1) mg/m³
 New Zealand : TLV-TWA= 400 ppm , 983 mg/m³ - TLV-STEL= 500 ppm , 1230 mg/m³
 People's Republic of China : TLV-TWA= 350 mg/m³ - TLV-STEL= 700 (1) mg/m³
 Poland : TLV-TWA= 900 mg/m³ - TLV-STEL= 1200 mg/m³
 Romania : TLV-TWA= 81 ppm , 200 mg/m³ - TLV-STEL= 203 (1) ppm , 500 (1) mg/m³
 Singapore : TLV-TWA= 400 ppm , 983 mg/m³ - TLV-STEL= 500 ppm , 1230 mg/m³
 South Korea : TLV-TWA= 200 ppm , 480 mg/m³ - TLV-STEL= 400 ppm , 980 mg/m³
 Spain : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 400 ppm , 1000 mg/m³
 Sweden : TLV-TWA= 150 ppm , 350 mg/m³ - TLV-STEL= 250 (1) ppm , 600 (1) mg/m³
 Switzerland : TLV-TWA= 200 ppm , 500 mg/m³ - TLV-STEL= 400 ppm , 1000 mg/m³
 USA - NIOSH : TLV-TWA= 400 ppm , 980 mg/m³ - TLV-STEL= 500 (1) ppm , 1225 (1) mg/m³
 USA - OSHA : TLV-TWA= 400 ppm , 980 mg/m³
 United Kingdom : TLV-TWA= 400 ppm , 999 mg/m³ - TLV-STEL= 500 ppm , 1250 mg/m³

Belgium; (1) 15 minutes average value
 Finland; (1) 15 minutes average value
 Germany (AGS); (1) 15 minutes average value
 Germany (DFG); (1) 15 minutes average value
 Ireland; (1) 15 minutes reference period
 Japan (JSOH); (1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day
 Latvia; (1) 15 minutes average value
 People's Republic of China; (1) 15 minutes average value
 Romania; (1) 15 minutes average value
 Sweden; (1) 15 minutes average value
 USA – NIOSH; (1) 15 minutes average value

- Substance: Ethyl Alcohol

DNEL

Systemic effects Long term Workers inhalation = 950 (mg/m³)
 Systemic effects Long term Workers dermal = 343 (mg/kg bw/day)
 Systemic effects Long term Consumers inhalation = 114 (mg/m³)
 Systemic effects Long term Consumers dermal = 206 (mg/kg bw/day)
 Systemic effects Long term Consumers oral = 87 (mg/kg bw/day)

Local effects Short term Workers inhalation = 1900 (mg/m³)
Local effects Short term Consumers inhalation = 950 (mg/m³)
PNEC
Sweet water = 0,96 (mg/l)
sediment Sweet water = 3,6 (mg/kg/sediment)
Sea water = 0,79 (mg/l)
sediment Sea water = 2,9 (mg/kg/sediment)
intermittent emissions = 2,75 (mg/l)
STP = 580 (mg/l)
ground = 0,63 (mg/kg ground)

- Substance: Propan-2-ol

DNEL

Systemic effects Long term Workers inhalation = 500 (mg/m³)
Systemic effects Long term Workers dermal = 888 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 89 (mg/m³)
Systemic effects Long term Consumers dermal = 319 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 26 (mg/kg bw/day)

PNEC

Sweet water = 140,9 (mg/l)
sediment Sweet water = 552 (mg/kg/sediment)
Sea water = 140,9 (mg/l)
sediment Sea water = 552 (mg/kg/sediment)
intermittent emissions = 140,9 (mg/l)
STP = 2251 (mg/l)
ground = 28 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:

Professional use:

Well ventilated environment. Observe the safety measures used in handling chemicals.

Individual protection measures:

a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

b) Skin protection

i) Hand protection

Not needed for normal use.

ii) Other

Wear normal work clothing.

c) Respiratory protection

Not needed for normal use.

d) Thermal hazards

No hazard to report



Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Physical state	Clear liquid
Colour	Colorless
Odour	Citrus
Odour threshold	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	>35°C
Flammability	Irrelevant
Lower and upper explosion limit	Not determined
Flash point	≤ 21°C
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	8.00+/-0.50
Kinematic viscosity	Not determined
Solubility	Not determined
Water solubility	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	0.875 ± 0.050 (25°C)
Relative vapour density	Not determined
Particle characteristics	Irrelevant

9.2. Other information

9.2.1 Information with regard to physical hazard classes

Irrilevant

9.2.2 Other safety characteristics

Irrilevant

SECTION10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Related to contained substances:

Propan-2-ol:

Sunlight.

Heating and open flames.

Avoid contact with combustible materials. The product could catch fire.
heat, open flames, sparks or hot surfaces.

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, strong reducing agents.
It can ignite in contact with oxidants mineral acids, elementary metals, nitrides, organic peroxides, organic water peroxides, oxidating and reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = 132.666,7 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = 1.309,5 mg/l/4 h

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation: based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

Ethyl Alcohol:

The substance irritates the eyes. Inhalation of high vapour concentrations may cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous system.

Acute hazards/symptoms:

Inhalation: Cough. Headaches. Fatigue. Drowsiness.

SKIN: dry scalp.

Eye Redness. Pain. Burning.

Ingestion: burning sensation. Headaches. Confusion. Vertigo. Unconsciousness.

The liquid degreasing the skin features. The substance may have an effect on the high central nervous system respiratory tract, causing irritation, headaches, fatigue and lack of concentration.

NOTE. The consumption of ethanol during pregnancy can have adverse effects on the unborn child. Chronic ethanol ingestion can cause cirrhosis of the liver.

LD50 (rat) Oral (mg/kg body weight) = 14000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 20000

Propan-2-ol:

The substance can be absorbed into the body by inhalation of its fumes.

A harmful contamination of the air will be reached quite slowly due to evaporation of the substance at 20°C; However, for spraying or scattering, much more quickly.

The use of alcoholic beverages enhances the harmful effect.

The substance irritates the eyes and respiratory tract.

The substance may cause effects on the central nervous system, causing depression.

Much greater exposure to the OEL may lead to unconsciousness.

The liquid degreasing the skin features.

LD50 (rat) Oral (mg/kg body weight) = 4710

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 12800

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 72,6

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:

Harmful if swallowed. Can cause heartburn to mouth, throat and stomach.

Pu emit gases, vapours or dust are very irritating to the respiratory system. Exposure to decomposition products can be dangerous to your health. As A result of exposure may occur serious effects delayed.

Harmful if swallowed. Can cause heartburn to mouth, throat and stomach.

Corrosive to the skin. Causes burns. Harmful in contact with skin. Corrosive to eyes. Causes burns.

LD50 (rat) Oral (mg/kg body weight) = 398

11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

Ethyl Alcohol:

Practically non-toxic to aquatic organisms.

CE50=275mg/L (algae, *Chlorella vulgaris*, 72h)

CE50=12,34mg/L (invertebrates, *daphnia magna*, 48h)

EC50=13g/L (fish, salmo gairdneri, 96h)
NOEC (mg/l) = 9,6

Propan-2-ol:
C(E)L50 (mg/l) = 7060

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
EC50 = 0.02 mg/L (algae, Selenastrum capricornutum, 72h, OECD 201)
EC50 = 0.016 mg/L (invertebrates, Daphnia Magna, 48h, OECD 201)
CL50 = 0.85 mg/L (fish, Oncorhynchus mykiss, 96h, OECD 203)
NOEC=0.025 mg/L (fish, Daphnia magna, 21d, OECD 211)
C(E)L50 (mg/l) = 0,016 Acute toxicity M-factor = 10
NOEC (mg/l) = 0,025

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Related to contained substances:
Ethyl Alcohol:
This product is readily biodegradable.

Propan-2-ol:
Dispersed by evaporation within a day.
The product is lighter than water and is completely miscible at 20°C.
Rapidamente Biodegradabile.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
>90% (activated sludge, HPLC)

12.3. Bioaccumulative potential

Related to contained substances:
Ethyl Alcohol:
There is no evidence of bioaccumulation of this product at attraverso the food chain.
Log Pow =-0.35

Propan-2-ol:
Low bioaccumulation potential.
Partition coefficient: n-octanol / water = 0.37

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:
Log Kow=2.88

12.4. Mobility in soil

Related to contained substances:
Ethyl Alcohol:
This product quickly evaporates in the air due to the high vapour pressure. The product is poorly absorbed by soils and sediments.

Propan-2-ol:

High mobility on the ground. Volatilization from moist surfaces. Not adsorb to sediment and suspended solids. In the atmosphere exists in the vapor phase.

Large volumes may penetrate soil and contaminate groundwater.

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

12.7. Other adverse effects

No adverse effects

SECTION13. Disposal considerations**13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION14. Transport information**14.1. UN number or ID number**

ADR/RID/IMDG/ICAO-IATA: 1170

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 1 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg

**14.2. UN proper shipping name**

ADR/RID/IMDG: ETANOLO (ALCOL ETILICO) o ETANOLO IN SOLUZIONE (ALCOL ETILICO IN SOLUZIONE)

ADR/RID/IMDG: ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

ICAO-IATA: ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3

ADR/RID/IMDG/ICAO-IATA: Label : 3

ADR: Tunnel restriction code : D/E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L

IMDG - EmS : F-E, S-D

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent : Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

REGULATION (EC) 1907/2006 (REACH) - Annex XIV, Annex XVII as amended.

REGULATION (EC) 1272/2008 (CLP) as amended.

COMMISSION DELEGATED REGULATION (EU) 2020/1182

COMMISSION DELEGATED REGULATION (EU) 2021/643

COMMISSION DELEGATED REGULATION (EU) 2021/849

REGULATION (EU) 878/2020 (Requirements for the compilation of safety data sheets)

REGULATION (EC) 790/2009, Dir 96/82/EC as amended.

Seveso category:

P5c - FLAMMABLE LIQUIDS

REGULATION (EU) No 1357/2014 - waste:

HP3 - Flammable

HP4 - Irritant — skin irritation and eye damage

HP14 - Ecotoxic

Substances in the Candidate List (REACH Article 59)

Based on available data, no SVHC \geq 0,1% substances are present

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H225 = Highly flammable liquid and vapour.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

H302 = Harmful if swallowed.

H314 = Causes severe skin burns and eye damage.

H318 = Causes serious eye damage.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H225-Highly flammable liquid and vapour. Classification procedure: On basis of test data

H319-Causes serious eye irritation. Classification procedure: Calculation method

H412-Harmful to aquatic life with long lasting effects. Classification procedure: Calculation method

Bibliographic data :

SAX 12 Ed Van Nostrand Reinhold

MERCK INDEX 15 Ed

ECHA: European Chemicals Agency (<https://echa.europa.eu/it/information-on-chemicals>)

OSHA: European Agency for Safety and Health at Work

IARC: International Agency for Research on Cancer

IPCS: International Programme on Chemical Safety (Cards)

NIOSH: Registry of toxic effects of chemical substances (1983)

ACGIH: American Conference of Governmental Industrial Hygienists

TOXNET: Toxicology Data Network

WHO: World Health Organization

CheLIST: Chemical Lists Information System

GESTIS: International Limit Value (<https://limitvalue.ifa.dguv.de/>)

Acronyms:

- ACGIH American Conference of Governmental Industrial Hygienists
 - ADR Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route (European accord regarding international transport of dangerous goods by land)
 - bw body weight
 - CLP Classification, Labelling and Packaging
 - CSR Chemical Safety Report
 - DMEL Derived Minimal Effect Level
 - DNEL Derived No Effect Level
 - dw dry weight
 - EC Effective Concentration
 - IATA International Air Transport Association
 - IMDG International Maritime Dangerous Goods
 - LC Lethal Concentration
 - LD Lethal Dose
 - m.w. molecular weight
 - PBT Persistent, Bioaccumulative and Toxic
 - PNEC Predicted No Effect Concentration
 - OECD Organisation / Office for Economic Co-operation and Development
 - STEL Short Term Exposure Limit
 - SVHC Substance of Very High Concern
 - TLV Threshold Limit Value
 - TWA Time Weighted Average
 - vPvB very Persistent, very Bioaccumulative and toxic
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SAFETY DATA SHEET

LH INCOLORE 70

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Pag. 15 / 15

In conformity to Regulation (EU) 2020/878

- WGK Wassergefährdungsklasse (Water hazard class)

NOTICE TO USERS

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.

The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.

This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

*** This sheet supersedes all previous editions.
