



EIGENMANN & VERONELLI S.p.A.
Safety Data Sheet
LINCOL ORH 40/CG

Safety Data Sheet dated 2/12/2018, version 2 (Reg. 830/2015/UE)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier
Mixture identification:
Trade name: LINCOL ORH 40/CG
SdS n°: EV17201-EV
CAS number: 61788-85-0
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Cosmetic Industry
- 1.3. Details of the supplier of the safety data sheet
Supplier:
EIGENMANN & VERONELLI S.p.A.
Via della Mosa, 6 - 20017 Rho (MI) Italy
Tel. +39 02935391 - Fax +39 02935361
Competent person responsible for the safety data sheet:
stg@eigver.it
- 1.4. Emergency telephone number
+39 0293500783 (h 8:30-12:45 13:15-17:15 in Italy)

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
EC regulation criteria 1272/2008 (CLP):
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Adverse physicochemical, human health and environmental effects:
No other hazards
- 2.2. Label elements
Hazard pictograms:
None
Hazard statements:
None
Precautionary statements:
None
Special Provisions:
None
Special provisions according to Annex XVII of REACH and subsequent amendments:
None
- 2.3. Other hazards
vPvB Substances: None - PBT Substances: None
Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients

- Chemical Identity: PEG-40 HYDROGENATED CASTOR OIL (Polymer)
- 3.1. Substances
N.A.
- 3.2. Mixtures
Hazardous components within the meaning of the CLP regulation and related classification:
None



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SECTION 4: First aid measures

- 4.1. Description of first aid measures
- In case of skin contact:
Wash with plenty of water and soap.
 - In case of eyes contact:
Wash immediately with water for at least 10 minutes.
 - In case of Ingestion:
In case of accidental ingestion rinse the mouth with water.
GET IMMEDIATE MEDICAL ADVICE, showing the emergency card.
 - In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.
 - Self-protection of the first aider
Wear personal protective equipment when required (see section 8.2)
- 4.2. Most important symptoms and effects, both acute and delayed
None
- 4.3. Indication of any immediate medical attention and special treatment needed
Special treatment: None

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
- Suitable extinguishing media:
Nebulized water, foam, chemical powders,
Carbon dioxide (CO₂).
 - Extinguishing media which must not be used for safety reasons:
None in particular.
- 5.2. Special hazards arising from the substance or mixture
- Do not inhale explosion and combustion gases.
 - Burning produces heavy smoke.
- 5.3. Advice for firefighters
- Use suitable breathing apparatus .
 - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
 - Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
- For non-emergency personnel:
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
 - For emergency responders:
Check the compatibility of protective clothing materials with what is stated in par. 8
- 6.2. Environmental precautions
- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
 - Retain contaminated washing water and dispose it.
 - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
- Wash with plenty of water.
- 6.4. Reference to other sections
- See also section 8 and 13



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SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
Keep away from strong oxidizing agents.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
No occupational exposure limit available
DNEL Exposure Limit Values
N.A.
PNEC Exposure Limit Values
N.A.
- 8.2. Exposure controls
Eye protection:
Eye glasses with side protection [EN 166].
Protection for skin:
Overall.
Protection for hands:
Gloves with long cuffs [EN374].
PVC (polyvinyl chloride).
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None
Environmental exposure controls:
Take the necessary precautions to avoid the dispersion of the product in the environment.
Appropriate engineering controls:
None



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Notes:
Appearance and colour:	Paste, Colourless to pale yellow	--
Colour :	Colourless to pale yellow	--
Odour:	Characteristic	--
Odour threshold:	N.D.	--
pH:	5 - 7	water solution 5 g/l
Melting point / freezing point:	N.D. °C.	--
Initial boiling point and boiling range:	>250 °C.	--
Flash point:	>125 °C.	--
Evaporation rate:	N.D.	--
Solid/gas flammability:	N.D.	--
Upper/lower flammability or explosive limits:	N.D.	--
Vapour pressure:	N.D.	--
Vapour density:	N.D.	--
Relative density:	N.D. g/cm3	--
Solubility in water:	soluble	--
Solubility in oil:	N.D.	--
Partition coefficient (n-octanol/water):	N.D.	--
Auto-ignition temperature:	N.D.	--
Decomposition temperature:	>200°C	--
Viscosity:	N.D.	--
Explosive properties:	None	--
Oxidizing properties:	None	--

9.2. Other information

Properties	Value	Notes:
Miscibility:	N.D.	--
Fat Solubility:	N.D.	--
Conductivity:	N.D.	--
Substance Groups relevant properties	Not Relevant	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Keep away from strong oxidizing agents.

10.6. Hazardous decomposition products

None.



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SECTION 11: Toxicological information

11.1. Information on toxicological effects

LD50(oral rat):	>2000 mg/kg
Contact with eyes (rabbit):	not irritant
Contact with skin (rabbit- 4h):	not irritant
Sensitization:	not sensitizer
Inhalation(aerosol):	may cause irritation of respiratory tract

SECTION 12: Ecological information

12.1. Toxicity

Adopt sound working practices, so that the product is not released into the environment.

CL50 (Carassius Auratus): 1-10 mg/l/96h (CESIO)

EC50 (Daphnia): 1-10 mg/l/48h (CESIO)

12.2. Persistence and degradability

Readily biodegradable (>60%, 28d.)

COD : 2200 mg O2/g

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

Not a dangerous material under the amended E.E.C. Council Directives

14.1. UN number

N.A.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

Environmental/Marine pollution: No

N.A.

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.



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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII

Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Product belongs to category: NA.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out (polymer)

SECTION 16: Other information

Product code: 17201

Main bibliographic sources:

- ECHA Registered Substances site:

<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>

- CESIO - Comité Européen des agents de Surface et de leurs Intermediaires Organiques

- ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

Sections modified from the previous revision:

2, 5, 6, 7, 8, 10, 12, 15, 16.



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ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.