



**EIGENMANN & VERONELLI S.p.A.**  
**Safety Data Sheet**  
**LINCOL BAS**

**Safety Data Sheet dated 10/1/2020, version 2 (Reg. 830/2015/UE)**

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

1.1. Product identifier

Identification of the substance

Trade name: LINCOL BAS (*several types. See sec. 16*)

SdS n°: EV23723-EV

CAS number: 68411-27-8

EC number: 270-112-4

REACH number: 01-2119825559-27

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

Poison Control Center Pavia - via Maugeri 10, Pavia (Italy) - Tel. +39 (0)382 24444 -

<http://www.cavpavia.it/>

World Health Organization - World directory of poison centres -

<http://apps.who.int/poisoncentres/>

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is classified as not hazardous, according to Reg. 1272/2008/EC (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



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**SECTION 3: Composition/information on ingredients**

3.1. Substances

Identification of the substance

Chemical Identity: Benzoic acid, C12-15-alkyl esters  
CAS number: 68411-27-8  
EC number: 270-112-4  
REACH number: 01-2119825559-27-0004

3.2. Mixtures

N.A.

**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 (CO<sub>2</sub>).

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.

During thermal decomposition it may generate toxic gases containing CO, CO<sub>2</sub>.

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.



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**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

**SECTION 7: Handling and storage**

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Do not eat or drink while working.
- 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  
Inhalation: long term systemic effects- 22,86 mg/m<sup>3</sup>  
Contact: long term systemic effects- 1,296 mg/kg/d  
PNEC Exposure Limit Values  
Treatment plants - 10 mg/l
- 8.2. Exposure controls  
Eye protection:  
Eye glasses with side protection [EN 166].  
Protection for skin:  
Working clothes.  
Protection for hands:  
Gloves with long cuffs [EN374].  
Butyl caoutchouc (butyl rubber).  
Respiratory protection:  
Not needed for normal use.



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Thermal Hazards:  
None  
Environmental exposure controls:  
None  
Appropriate engineering controls:  
None

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Properties	Value	Notes:
Appearance:	Clear liquid	--
Colour :	Colourless	--
Odour:	Weak	--
Odour threshold:	N.D.	--
pH:	N.D.	--
Melting point / freezing point:	-16,2 °C.	--
Initial boiling point and boiling range:	374,1 °C.	--
Flash point:	189 °C.	--
Evaporation rate:	N.D.	--
Solid/gas flammability:	N.D.	--
Upper/lower flammability or explosive limits:	N.D.	--
Vapour pressure:	0,000012 mm Hg	(calculated)
Vapour density:	N.D.	--
Relative density:	c.a. 0,9298 g/cm <sup>3</sup>	(a 20°C)
Solubility in water:	0,174 g/l	(at 30°C)
Solubility in oil:	N.D.	--
Partition coefficient (n-octanol/water):	Log Pow >6.0	--
Auto-ignition temperature:	314°C	--
Decomposition temperature:	N.D.	--
Viscosity:	33 - 45 cps	(21°C)
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



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- 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.  
During thermal decomposition it may generate toxic gases containing CO, CO<sub>2</sub>.

**SECTION 11: Toxicological information**

- 11.1. Information on toxicological effects  
Toxicological information of the substance:  
Data from dossier published on ECHA website:  
LD50 (Oral rat): 34500 mg/Kg (OECD 401)  
LD50 (Dermal rabbit): >2000 mg/Kg (OECD 402)  
LC50 (Inhalation rat): >200 mg/l/1h (OECD 403)  
In contact with eyes: not irritant (OECD 405)  
In contact with skin: not irritant (OECD 439)  
Not sensitizer (OECD 406)  
Not mutagenic (OECD 473)  
Not toxic to reproduction (OECD 421)

**SECTION 12: Ecological information**

- 12.1. Toxicity  
Adopt sound working practices, so that the product is not released into the environment.  
Data from dossier published on ECHA website:  
LC50(Cyprinus carpio): >1,23 mg/l/96h  
(toxicity up to the solubility limit of the test substance)  
LC50(Daphnia magna): 321 mg/l/48h  
EC50(Desmodesmus subspicatus): >1 mg/l/72h  
(toxicity up to the solubility limit of the test substance)
- 12.2. Persistence and degradability  
Data from dossier published on ECHA website:  
Readily biodegradable (> 90 % - OECD 31 B)
- 12.3. Bioaccumulative potential  
Data from dossier published on ECHA website:  
Bioaccumulation not expected
- 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.



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**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.

**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)

Regulation (EU) n. 2018/699 (ATP 11 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 for the substance.



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**SECTION 16: Other information**

<b>Product description</b>	<b>Code</b>
LINCOL BAS	23723
LINCOL BAS-C	29157
LINCOL BAS-AV	30155
LINCOL BAS-TG	31221
LINCOL BAS-T	39357
LINCOL BAS-L	39836
LINCOL BAS-BS	42248
LINCOL BAS-BR	42816

Main bibliographic sources:

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

A safety data sheet is not required for this product according to Article 31 of REACH Regulation.

The Safety Data Sheet is provided for the purpose of transmitting the information specified in art. 32 Reg. REACH, so is subject to the prescriptions of this article.

(See ECHA helpdesk, Q&A ID 0945)

Sections modified from the previous revision: 4, 5, 6, 7, 8, 10, 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.