



**EIGENMANN & VERONELLI S.p.A.**  
**Safety Data Sheet**  
**Hydrodor XC**

**Safety Data Sheet dated 21/2/2018, version 3 (Reg. 830/2015/UE)**

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

- 1.1. Product identifier  
Mixture identification:  
Trade name: Hydrodor XC  
SdS n°: EV36866-EV
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use: Industrial use.
- 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  
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).  
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: Polymers and surfactant, solution.
- 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 par. 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:  
Water.  
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.
- 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:  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.  
Store at temperatures between 5 and 35° C.
- 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:  
Not needed for normal use. Anyway, operate according good working practices.  
Protection for skin:  
No special precaution must be adopted for normal use.  
Protection for hands:  
Gloves with long cuffs [EN374].  
Butyl caoutchouc (butyl rubber).  
Respiratory protection:  
Not needed for normal use.  
Thermal Hazards:  
None  
Environmental exposure controls:  
None  
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:	Liquid	--
Colour :	Cyan	--
Odour:	Characteristic	--
Odour threshold:	N.D.	--
pH:	4-6,5	as is
Melting point / freezing point:	ca. 0 °C.	--
Initial boiling point and boiling range:	ca. 100 °C.	--
Flash point:	N.D.	--
Evaporation rate:	N.D.	--
Solid/gas flammability:	N.A.	--
Upper/lower flammability or explosive limits:	N.D.	--
Vapour pressure:	N.D.	--
Vapour density:	N.D.	--
Relative density:	1,02 g/cm <sup>3</sup>	(20°C)
Solubility in water:	miscible	--
Solubility in oil:	N.D.	--
Partition coefficient (n-octanol/water):	N.D.	--
Auto-ignition temperature:	N.D.	--
Decomposition temperature:	N.D.	--
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

None in particular.

10.6. Hazardous decomposition products

None.



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**SECTION 11: Toxicological information**

11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

N.A.

**SECTION 12: Ecological information**

12.1. Toxicity

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

N.A.

12.2. Persistence and degradability

N.A.

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)

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 mixture.

**SECTION 16: Other information**

Product code : 36866

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.



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ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
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.