

HYDRAFEED

Code: 1 101 0

Material Safety Data Sheet compliant with Regulation (EC) 2015/830

Version 6.0.0

Revision: 05/10/15

Print Date : 06/10/15

1.1. Product identifierTrade name **HYDRAFEED****1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the product

EFFERVESCENT DIETETIC FEED SUPPLEMENT FOR YOUNG RUMINANTS**Nutritional purpose : Stabilisation of water and electrolyte balance to support the physiological digestion****1.3. Details of the supplier of the safety data sheet**

Company identification

**HY-NUTRITION
55, Boulevard Jules Verger B.P 10180
35803 DINARD Cedex - FRANCE
Tél : +33 (0)2 99 16 52 05
Fax : +33 (0)2 99 16 52 14**For information regarding this safety data sheet, please contact :
agueveneux@roullier.com**1.4. Emergency telephone number**

Emergency phone number

Emergency direct number (24 hours a day, 7 days a week) :**(+) 1-760-476-3960 (Asian area, Pacific area)****(+) 1-760-476-3961 (European area)****(+) 1-760-476-3962 (Americas area)****(+) 1-760-476-3959 (Middle eastern countries and African area)****Access code : 333021****INRS****30, rue Olivier Noyer****75014 Paris - FRANCE****Tél : + 33 (0) 1 45 42 59 59**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture doesn't meet the classification criteria provided for under Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to 1272/2008/EC Regulation:**Hazard pictograms(s) :**

Not concerned

Signal word :

Not concerned

Hazard statement(s) :

Not concerned

Precautionary statement(s) :

Not concerned

2.3. Other hazards

No particular known hazard. No labelling requirement but general use precautions should be taken in handling chemicals.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable as this involves a mixture.

3.2. Mixtures

Chemical nature of the mixture : Effervescent dietary food for calves, piglets, lambs, kids, and foals

Substance(s)	CAS number(s)	EINECS number(s)	No registration REACH	Classification according to Regulation 1272/2008/EC	Type
Citric acid anhydrous = 7.72%	77-92-9	201-069-1		Eye Irrit. 2 H319	(1)

Type

(1) : Substance classified as hazardous for health and/or the environment

(2) : Substance with an exposure limit at the work station.

Substance of very high concern candidate for the authorisation procedure:

(3) : Substance considered as PBT (persistent, bioaccumulable, toxic)

(4) : Substance considered as vPvB (very persistent, very bioaccumulable)

- (5) : Substance considered as carcinogenic category 1A
- (6) : Substance considered as carcinogenic category 1B
- (7) : Substance considered as mutagenic category 1A
- (8) : Substance considered as mutagenic category 1B
- (9) : Substance considered as reprotoxic category 1A
- (10) : Substance considered as reprotoxic category 1B
- (11) : Substance considered as endocrine disrupter

Full text of H- and EUH- phrases : see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General indications:

In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

In the event of inhalation :

No measurement particular necessary.

In the event of contact with the skin :

Wash with water.

In the event of contact with the eyes :

Rinse at once with a soft stream of water for at least 15 minutes, eyes wide open.

In the event of ingestion :

Rinse mouth.

Do NOT induce vomiting.

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

Skin contact : HYDRAFEED is not regarded as a mix which is irritating to the skin.

Eye contact : HYDRAFEED is not regarded as a preparation which is irritating to the eyes.

Ingestion : No data available.

Inhalation : Not considered as hazardous through inhalation under normal conditions of use.

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

Treatments : Symptomatic treatment

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media :**

Agents compatible with other products involved into fire.

Unsuitable extinguishing media :

None from our knowledge.

5.2. Special hazards arising from the substance or mixture

HYDRAFEED is non-flammable.

5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.

Collect contaminated firefighting water separately, must not be discharged into the drains.

Keep containers cool by spraying with water if exposed to fire.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel :**

Evacuate non-essential staff and those not equipped with individual protection apparatus.

6.1.2. For emergency responders :

Evacuate the personnel to a safe location.

Keep people upwind and away from the location of the flow/leak.

Use personal protection equipment.

6.2. Environmental precautions

Intervention limited to trained staff.

6.3. Methods and material for containment and cleaning up**Small spillage :**

Wash with plenty of water.

Large spillage :

Never return spills in original containers for re-use.

Keep in suitable, properly labelled and closed containers for disposal.

Mark out, dyke up with an inert absorbant and pump in an emergency tank.

6.4. Reference to other sections

Respect protective measures presented at heading 8.

Refer to section 13 for the elimination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke in work area. Avoid projections during use.
Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Storage :

Keep only in the original container.
Keep protected from frost.
Keep away from incompatible matters (see heading 10).
Keep container closed.

7.2.2. Packaging or wrapping materials :

Polyethylenterephtalat, aluminium, polyethylene.

7.3. Specific end use(s)

No other recommendation.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values :

Substance	Country	Type	Value	Unit	Comments	source
Contains no substances with occupational exposure limit values.						

8.2. Exposure controls

According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

8.2.1. Appropriate engineering controls :

Ensure adequate ventilation.

8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

No special protection measure is required.

Hand protection :

As HYDRAFEED is not a dangerous product, no special protective measure is required.

Skin protection :

No specific piece of clothing or skin protection is requested in normal conditions of use.

Respiratory protection :

No respiratory protection equipment is requested under normal conditions of use planned with an adequate ventilation.

Thermal hazards :

Not applicable

Health measures :

Safety shower and eye wash fountain near to workplace.

Handle in accordance with good industrial hygiene practices and the safety instructions.

8.2.3. Environmental exposure controls :

Do not discharge the product directly to sewer or to environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	effervescent powder
Colour	White
Odour	Odourless
pH value at 10g/l	Not available
Freezing point :	0 °C
Solubility in water	Soluble in water in all proportions

9.2. Other information

No additional information.

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions of use.

10.2. Chemical stability

Stable in the recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

None under normal conditions of use.

10.4. Conditions to avoid

Humidity.

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

None to our knowledge in standard conditions of use.

These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Substance-related data:**

Not available

Mix-related data:

Acute toxicity

. The classification criteria are not met given the available data.

Skin corrosion/irritation

Skin irritation . The mix is not considered to be irritating for the skin under the criteria of Regulation 1272/2008/EC.

Serious eye damage/eye irritation

Eye irritation . The mix is not considered to be corrosive for the eyes or capable of causing serious irritation of the eyes under the criteria of Regulation 1272/2008/EC.

Respiratory or skin sensitisation

Skin sensitisation . The mixture is not considered as a skin sensitiser according to 1272/2008/EC Regulation.

Respiratory sensitization . The mixture is not considered as a respiratory sensitiser according to 1272/2008/EC Regulation.

Mutagenicity

. The classification criteria are not met given the available data.

Carcinogenicity

. The classification criteria are not met given the available data.

Reproductive toxicity

. The classification criteria are not met given the available data.

Specific target organ toxicity - single exposure

. The classification criteria are not met given the available data.

Specific target organ toxicity - repeated exposure

. The classification criteria are not met given the available data.

Aspiration hazard

. The classification criteria are not met given the available data.

Most important symptoms and effects, both acute and delayed :

Skin contact : HYDRAFEED is not regarded as a mix which is irritating to the skin.

Eye contact : HYDRAFEED is not regarded as a preparation which is irritating to the eyes.

Ingestion : No data available.

Inhalation : Not considered as hazardous through inhalation under normal conditions of use.

SECTION 12: Ecological information

12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil

Substance-related data:

Not available

Mix-related data: :

Acute toxicity

fishes . Not determined

daphnia . Not determined

algae . Not determined

CHRONIC TOXICITY

. No data available.

Degradability

. No data available.

Bioaccumulation

. No data available.

Mobility

. No data available.

Conclusion :

The mixture is not considered to be dangerous for the environment according to 1272/2008/EC Regulation.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Treatment of the mixture :**

Do not discharge the product directly to sewer or to environment.

Comply with Directive 2008/98/EC of 19/11/2008 relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.

Comply with Directive 2008/98/EC of 19/11/2008 relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

SECTION 14: Transport information**ROAD TRANSPORT:**

Rail/Route (RID/ADR)

UN no :

UN proper shipping name :Not concerned

Class :

Packing group :

Hazard code :

Label :

Tunnel code :

Environmental hazard : No

Special precautions for user : No information.

MARITIME TRANSPORT :

IMDG

UN no :

UN proper shipping name : Not concerned

Class :

Packing group :

Marine pollutant : No

Special precautions for user : No information.

EmS number :

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code :

Not concerned

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations relating to the hazards from major accidents :**

Directive SEVESO 3 (2012/18/CE) : In progress

Regulations relating to the classification, packing and labelling of substances and mixes :

Regulation 1272/2008/EC amended.

Waste regulations :

Directive 2008/98/EC of 19/11/2008 relating to waste - Regulation 1357/2014/EC

Decision 2014/955/EC which establishes the list of hazardous waste.

Protection of workers :

Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation 850/2004/EC on persistent organic pollutants and modifying Directive 79/117/EC : Not concerned

Regulation 1005/2009/EC amended on substances that deplete the ozone layer : Not concerned

Regulation (EC) 648/2004 :

Not concerned

15.2. Chemical safety assessment

No

SECTION 16: Other information

The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

Section(s) modified compared with the previous version :

Revision of the safety data sheet according to 2015/830/EC Regulation.

List of H phrases referred to in sections 2 and 3 :

H319 : Causes serious eye irritation.

Sources of key data used to compile the data sheet :

MSDS supplier

Historical :

Version 6.0.0

Cancel and replaces previous version .