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The present information sheet was voluntarily created.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

Trade name : LIPRO 50

1.2. Relevant identified uses of the product

Identified uses : This product is intended only for ruminants

1.3. Identification of the company

Company : RT Chemtronics GmbH
Huysseallee 76
D-45128 Essen - Germany
Telephone number : + 49 201 2453110
Telefax : + 49 201 2453150
E-mail : rtc@rtchemtronics.de

2. HAZARDS IDENTIFICATION

2.1. Classification of the product

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

This product is not classified according to regulation (EC) No 1272/2008

Classification according to Directive 67/548/EEC

This product is not classified according to Directive 67/548/EEC

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Pictogram (s) :

Signal Word :	-	
Hazard Statement	-	-
Precautionary Statement Prevention :	-	-
Precautionary Statement Response :	-	-
Precautionary Statement Storage :	-	-
Precautionary Statement Disposal :	-	-

Labeling according to Directive 67/548/EEC

Symbol(s) : -
Risks phrase(s) : -
Safety advice : -

2.3. Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Classification		Concentration
SIRIONAL			
No CAS : -	-	-	Minimal protein level : 45%
No EINECS : -	-	-	
No Index : -	-	-	

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advices

No data available.

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If inhaled

No data available.

In case of skin contact

Flush skin with copious amounts of water. If irritation persists, look for medical attention

In case of eye contact

Flush eyes with copious amounts of water for at least 15 minutes. Ensure adequate flushing by separating eyelids with fingers.

If swallowed

No data available

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

No data available.

5. FIREFIGHTING MEASURES**5.1. Extinguishing media**

Use water spray.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

No data available.

5.4. Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

See paragraph 8.

6.2. Environmental precautions

In case of release in large quantities, avoid releasing in sewers.

6.3. Methods and materials for containment and cleaning

If possible draw up the liquid in a stainless steel vat and dispose at a water treatment plant. Otherwise, dilute the liquid with water and aim it towards sewers or a water treatment plant.

7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Material recommended for equipment: stainless steel.

7.2. Conditions for safe storage, including any incompatibilities

Store at temperature above 10°C (risk of salt build-up and increase of viscosity).

7.3. Specific end uses

No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Components with workplace control parameters**

Does not contain any substance subject to an exposure limit value.

8.2. Exposure controls**Engineering controls**

No data available.

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Personal protective equipment

Eye/face protection	Wear safety glasses
Skin protection	Wear protective gloves
Body protection	Wear protective clothes covering skin.
Respiratory protection	No particular protection

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Dark brown liquid lightly viscous
Odor	No data available
Odor Threshold	No data available
pH	Around 7
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Specific gravity	1.22
Water solubility	No data available
Partition coefficient : n-octanol/water	No data available
Auto ignition	No data available
Decomposition temperature	No data available
Viscosity	500 to 2000 Cp
Explosive properties	No data available
Oxidizing properties	No data available

9.2. Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable if stored at temperature < 10°C

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

None particular.

10.5. Incompatible materials

No data available on incompatible materials.
Recommended materials for equipment is Stainless steel (INOX) 316 L

10.6. Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicity

No data available

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11.2. Skin corrosion/irritation

None

11.3. Serious eye damage/eye irritation

None

11.4. Respiratory or skin sensitization.

Skin sensitization can occur in case of extended contact.

11.5. Germ cell mutagenicity

No data available.

11.6. Carcinogenicity

No data available.

11.7. Reproductive toxicity

No data available.

11.8. Specific target organ toxicity – single exposure

No data available.

11.9. Specific target organ toxicity – repeated exposure

No data available.

11.10. Aspiration hazard

No data available.

11.11. Signs and symptoms of exposure

No data available.

11.12. Additional information

No data available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Not toxic

12.2. Persistence and degradability

Highly biodegradable

12.3. Bioaccumulative potential

None

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATION

Waste treatment methods

Treat wastes in accordance with the local / national legislation.

14. TRANSPORT INFORMATION

14.1. UN number

ADR/RID : -

IMDG : -

IATA : -

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14.2. UN proper shipping name

ADR/RID : -
IMDG : -
IATA : -

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant : no IATA: no

14.6. Special precautions for user

No data available

15. REGULATORY INFORMATION

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

The Sirional is a feed material within the scope of Regulation (EC) No 767/2009 of the European Parliament and of the Council of 13 July 2009 on the placing on the market and use of feed, under category "12.2.5 By-product from the production of amino acids with Escherichia coli K12" of Commission Regulation (EC) No 68/2013 of 16 January 2013 on the Catalogue of feed materials.

15.2. Chemical Safety Assessment

No data available

16. OTHER INFORMATION

Disclaimer of responsibility

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