

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

1.1 Product identifier

Identification on the label/Trade name

label designation/Name of product

Hellerine

Product-no.: 625-0XXXX (X=0-9)

1.2 Relevant identified uses of the substance or mixture and uses advised against

No data available

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

HellermannTyton GmbH

Großer Moorweg 45

Germany-25436 Tornesch

P.O. Box: 2151

Germany-25437 Tornesch

Telephone: +49-(0)4122-701-0

Telefax: +49-(0)4122-701-400

E-mail: msds@hellermanntyton.de

Dept. responsible for information: Safety and Environmental Management

Information telephone: +49-(0)4122-701-0

Information telefax: +49-(0)4122-701-400

www.HellermannTyton.de

1.4 Emergency telephone number

Emergency telephone number

Health and Safety Executive (HSE) Chemicals Regulation Directorate, Telephone: +44 151 951 3317

SECTION 2: Hazards identification

Hazards description

Hazard designation:

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use. This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

remark

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

No data available

Additional information

Full text of R-, H- and EUH-phrases: see section 16. This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use. The product is not rate as incendiary because it does not burn further on after inflammation (Test Method: "L.2 Sustained cumbustability test" des Manuels of test and criteria der Recommendations of the transport of dangerous goods).

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

remark

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

3.1/3.2 Mixture related information

Description

Gliding Oil on the basis of vegetable oil and ethanol.

Hazardous ingredients

ethanol	ca.5 %
CAS 64-17-5	
EC 200-578-6	
INDEX 603-002-00-5	
Flam. Liq. 2, H225	
ricinus oil	ca.95 %

SECTION 4: First aid measures

4.1 Description of first aid measures

Following skin contact

Wash immediately with:
Water and soap

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam
Dry extinguishing powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No data available

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up

Sand
Sawdust

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on general occupational hygiene

Wash hands before breaks and after work.

Protective measures

Advices on safe handling

Wear personal protection equipment (see chapter 8). If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Measures to prevent fire

Keep away from sources of ignition. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

storage temperature: >0 - <20 °C

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Skin protection

Skin protection

Suitable gloves type

Gloves with long cuffs

Suitable material

NR (natural rubber, natural latex)
CR (polychloroprene, chloroprene rubber)
NBR (Nitrile rubber)
Butyl caoutchouc (butyl rubber)
FKM (fluoro rubber)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

liquid

Colour

whitish

Odour

characteristic

parameter	Method - source - remark
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point (°C) =37 °C	The product is not rate as incendiary because it does not burn further on after inflammation. UN Test L.2: Sustained combustibility test
Evaporation rate	No data available
Flammable solids	No data available
Flammable aerosols	No data available
Upper explosion limit (Vol-%)	No data available
Lower explosion limit (Vol-%)	No data available
Vapour pressure	No data available
Density =0,96 g/cm ³	
Vapour density	No data available
Fat solubility (g/L)	No data available
Water solubility (g/L)	No data available
Soluble (g/L) in	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosives	No data available
Oxidising gases	No data available
Oxidising liquids	No data available
Oxidising solids	No data available
Dynamic viscosity	No data available

	parameter	Method - source - remark
flow time	ca.9,5 - 11 s at °C: =20 °C	
Kinematic viscosity		No data available

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Materials to avoid

Oxidising agent, strong

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

Toxicokinetics, metabolism and distribution

Human toxicological data

Contains ricinus oil as main part (with oral admission exhausting effect).

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

ingredient ricinus oil

Acute toxicity, oral >4952 mg/kg

Effective dose

LD50:

Species:

Rat.

Method

Limit test.

SECTION 12: Ecological information

12.1 Toxicity

Effects in sewage plants

remark

If penetration of the groundwater or cleaning systems is occurred, Hellerine can be separated by means of oil or fat separators.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Appropriate disposal/Product:

Waste disposal according to official state regulations.

Appropriate disposal / Package

Contaminated packaging:

Completely emptied packings can be re-cycled.

Waste code product 130899

Waste requires special monitoring: Yes.

Waste name

wastes not otherwise specified

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
--	--------------------------	----------------------	------------------------------------

14.1 UN-No.	not applicable	not applicable	not applicable
-------------	----------------	----------------	----------------

14.2 Proper Shipping Name

14.3 Class(es)

14.4 Packing group

14.5 ENVIRONMENTALLY
HAZARDOUS

14.6 Special precautions for user

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

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK)

slightly hazardous to water (WGK 1)

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Indication of changes

* Data changed compared with the previous version

Chapter 1.2, 2., 2.1, 2.2, 4.1, 6.2, 11.1, 12.1, 13., 15.1, 16.

Additional information

Further remarks:

This data is based upon our actual knowledge, especially on the declaration of our suppliers and applies to our products, as they are delivered from HellermannTyton GmbH today and to the determined use. HellermannTyton GmbH takes neither an explicit nor a silent guarantee or liability in connection with the use of the information in this document for conditions of use of the product, HellermannTyton cannot influence.

Relevant R-, H- and EUH-phrases (Number and full text)

R11 Highly flammable.

H225 Highly flammable liquid and vapour.