

**PRODUCT: HELLERINE
625-0xxxx**

1. CHEMICAL PRODUCT - AND COMPANY IDENTIFICATION

Tradename: Hellerine
 Manufactured by: HellermannTyton GmbH
 P.O. Box: 2151
 25437 Tornesch - Germany
 Telephone: 04122/701-1
 Telefax: 04122/701-400
 Contact persons: S&U, Martin Burmeister +49(0)4122/701-220

EMERGENCY PHONE: **+49 (0) 551 / 190 24**

2. HAZARDS IDENTIFICATION

Danger designation: not applicable.
 The product is not to rate as incendiary. Because it doesn't burn further on after inflammation (test method: "L.2 Sustained combustability test", manuals of test and criteria of Recommendations of the Transport of dangerous goods).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Preparation: Gliding oil on the basis of vegetable oil and ethanol

Hazardous ingredients:

CAS-Reg-No.	Designation	% (w/w)	R-Phrases
64-17-5	Ethanol	4-5	11

4. FIRST AID MEASURES

INHALATION: Not applicable.
 SKIN CONTACT: Wash skin immediately with luke-warm water and mild soap.
 EYE CONTACT: Flush with running water for 15 minutes.
 INGESTION: Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry powder, foam, CO₂.
 Unsuitable Media: water
 SPEZIAL FIREFIGHTING PROCEDURES: None known.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: NA.

ENVIRONMENTAL PRECAUTIONS: Prevent penetrate in drains, purification plants and ground water.

METHODS OF CLEANING UP: Soak up in a liquid absorbing material and dispose of as in Section 13.

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7. HANDLING AND STORAGE

HANDLING: Use only in well ventilated areas.
No smoking and fire.

STORAGE: Keep tank closed when not in use.
Storage conditions: At a well ventilated, cool place, but not under 0 °C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS-Reg-No.	Designation	% (w/w)	AGW
64-17-5	Ethanol	4-5	960 mg/m ³

Ingestion: Wash hands after handling and before eating.
Respiratory Protection: No specific recommendations.
Hand Protection: with intensive skin contact, wear rubber gloves.
Eye Protection: No specific recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATUS: Liquid,
COLOR: Weak milky,
ODOR: Weak odor.

Freezing point:	unknown.
Boiling point:	unknown.
Flash point:	37°C.
Temperature of ignition:	unknown.
Explosive properties:	not determined.
Vapor pressure	unknown.
Density:	0,96 g/cm ³
Solubility in water:	little.
Value:	unknown.
Viscosity(20°):	950-1100 mPa s.

10. STABILITY AND REACTIVITY

Will react with oxidising agents.
HARZARDOUS DECOMPOSITION PRODUCT (S): None.

11. TOCICOLOGICAL INFORMATION

Contains ricinus oil as main part (with oral admission exhausting effect):
LD 50/LC 50 value (ricinus oil): oral > 4952 mg/kg rat (Limit-Test).

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With penetration in the groundwater or in water cleaning systems by means of separators separably. WGK: 1 (Self classification)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local regulations.
LAGA 12102
AVV Code 130899

14. TRANSPORT INFORMATION

The product doesn't amenable to the regulation of the national/international transport for hazardous goods on the street (ADR, UN), on the rail (RID, UN), on the sea (IMO) and in air carrying (IATA, ICAO), because of its amis attribute of continuing burn (see chapter 3). See corresponding exception regulation. It must not be labelled as inflammable.

15. REGULATORY INFORMATION

Marking concerning EC guidelines:

Identification letter and danger designation of the product: not applicable

Danger references: not applicable

16. OTHER INFORMATION

This data are based upon our actual knowledge, especially on the declaration of our suppliers and applies to our products, as they are delivered from HellermannTyton today and to the determined use. HellermannTyton 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 can not influence.