

Nail polish remover

1 Product and company identification

Product name	Nail polish remover
Supplier	T H Meyers AB
Address	Industrigatan 7, 542 40, Mariestad, Sweden
Telephone	0046 (0)501-474 05
Area of usage:	Nail polish remover
Date of issue:	2008-10-04
Version:	1

2 Hazards identification

3 Composition / classification of substances

Substance	Cas-no	EC-no	Hazard code	Risk phrases	Conc., min	Conc., max
Dimethyl esters *						70 %
Fatty acids, rape-oil, Me esters	85586-25-0					25 %
Rape oil	8002-13-9	232-299-0				5 %

Comment: For information about the full text to the risk phrases see under paragraph 16. For Occupational Exposure Limit Value see under paragraph 8.

Explanation hazardous codes:

* Following Dimethyl esters are present: Hexanedioic acid, dimethyl ester (INCI-name: Dimethyl Adipate), Pentanedioic acid, dimethyl ester (INCI-name: Dimethyl Glutarate), Butanedioic acid, dimethyl ester (INCI-name: Dimethyl Succinate).

4 First-aid measures

Inhalation	Fresh air
Skin contact	Take off all contaminated clothing/shoes. Wash the skin with water.
Eye contact	Immediately rinse with water for 5 minutes. Keep eyelids well apart. Contact a doctor if the complaints persist.
Ingestion	Immediately give a couple of glasses of milk or water if the person is fully conscious. Go to hospital/doctor if a larger amount has been swallowed.

5 Fire-fighting measures

Fire-fighting media Extinguish with powder, carbon dioxide or alcohol resistant foam.

6 Accidental release measures

7 Handling and storage

Storage Can be stored at room temperature.

8 Exposure controls / Personal protection

Occupational Exposure Limit Values Goggles and gloves
Hexandisyra, dimetylester: NGV 5 ppm 36 mg/m³; Pentandisyra, dimetylester: NGV 5 ppm 33 mg/m³; Butandisyra, dimetylester: NGV 5 ppm 30 mg/m³.

9 Physical and chemical properties

Colour Liquid
Colourless

10 Stability and reactivity

11 Toxicological information

Toxicity Hexanedioic acid, dimethyl ester: Ingestion - LD50 Oral rat: 8191 mg/kg kroppsvikt, Skin contact - LD50 Dermal rabbit: >2250 mg/kg; Pentanedioic acid, dimethyl ester: Ingestion - LD50 Oral rat: 8191 mg/kg, Skin contact - LD50 Dermal rabbit: >2250 mg/kg; Butanedioic acid, dimethyl ester: Ingestion - LD50 Oral rat: >5000 mg/kg, Skin contact - LD50 Dermal rabbit: >5000 mg/kg.

12 Ecological information

Ecotoxicity Hexanedioic acid, dimethyl ester: LC50 Fisk 96h: 30,9 mg/l Art: bluegill sunfish, EC50 Daphnia 48h: 112-150 mg/l; Pentanedioic acid, dimethyl ester: LC50 Fisk 96h: 33,6 mg/l Art: Lepomis pallidus, EC50 Daphnia 48h: 122,1 mg/l Art: D. magna; Butanedioic acid, dimethyl ester: LC50 Fisk 96h: 10-100 mg/l, EC50 Daphnia 48h: 10 - 100 mg/l.

Biodegradation Hexanedioic acid, dimethyl ester: 97 % in 18 days; Pentanedioic acid, dimethyl ester: 98 % in 28 days (OECD 301C); Butanedioic acid, dimethyl ester: 3 % in 95 days (OECS 302B).

13 Disposal considerations

Avoid mixing with halogenated disposal.

14 Transport information

15 Regulatory information

Risk phrases

Safety advice phrases:

Other information:

16 Other information