

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Stain Remover (German: Flecken-Ex)

Print date: 16.03.2016

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

### 1.1. Product identifier

Stain Remover (German: Flecken-Ex)

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

#### Use of the substance/mixture

Special Cleaner

#### Uses advised against

Reserved for industrial and professional use.

### 1.3. Details of the supplier of the safety data sheet

Company name:	POLYTOP GmbH	
Street:	Langenselbolder Str. 8	
Place:	D-63543 Neuberg	
Telephone:	+49-6183-80014-0	Telefax: +49-6183-80014-14
e-mail (Contact person):	info@polytop.de	
Internet:	www.polytop.de	
Responsible Department:	Zentrale Tel. +49-6183-80014-0	

### 1.4. Emergency telephone number:

Vergiftungsinformationszentrale Österreich Tel. +43 (0) 1 406 43 43

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard Statements:

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Accumulation in closed or lower lying rooms signifies heightened risk of fire or explosion.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

#### Hazard components for labelling

aliphatic hydrocarbons

Signal word: Danger

Pictograms:



#### Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

#### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe gas/vapour/aerosol.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves.

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- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

#### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### Additional advice on labelling

This data sheet contains additionally the GHS/CLP-classification and labelling criteria in accordance with regulation 1272/2008/EU (incl. 790/2009/EU), for mixtures entry into force from 01.06.2015.

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

#### 2.3. Other hazards

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004, Additional information: -

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-48-9	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)			>50 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066			
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)			1-5 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			

Full text of H and EUH statements: see section 16.

#### Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

If victim is at risk of losing consciousness, position and transport on their side.

Remove affected person from the danger area and lay down.

##### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

##### After contact with skin

After cleaning apply high-fat content skin care cream.

Take off immediately all contaminated clothing, including underwear and shoes.

##### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

##### After ingestion

Do NOT induce vomiting.

Have victim drink large quantities of water, with active charcoal if possible.



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In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

Following inhalation:

The following symptoms may occur: Headache. Dizziness. Nausea. Sweating. drowsiness.

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

Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

alcohol resistant foam.

Extinguishing powder.

Water spray.

Atomized water.

Carbon dioxide (CO<sub>2</sub>).

##### **Unsuitable extinguishing media**

High power water jet.

High power water jet.

#### **5.2. Special hazards arising from the substance or mixture**

hydrocarbons.

Pyrolysis products, toxic.

The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

In case of fire and/or explosion do not breathe fumes.

Burning produces heavy smoke.

Use water spray jet to protect personnel and to cool endangered containers.

Contaminated fire-fighting water must not get into the sewerage network.

Remove product from area of fire.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition.

Ventilate affected area.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed containers for disposal.

Ventilate affected area.

#### **6.4. Reference to other sections**

Vapours are heavier than air and will spread at floor level.

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**



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#### Advice on safe handling

Avoid the formation of aerosol.  
Ventilate affected area.

#### Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking.  
Take precautionary measures against static discharges.  
The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

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

##### Advice on storage compatibility

Do not store together with: Oxidizing agents.

##### Further information on storage conditions

Recommended storage temperature: up to °C: 30

#### 7.3. Specific end use(s)

Automotive care products

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective and hygiene measures

Do not breathe gas/vapour/aerosol.  
Avoid contact with eyes.  
Work in well-ventilated zones or use proper respiratory protection.  
Wash hands before breaks and after work. After cleaning apply high-fat content skin care cream.

##### Eye/face protection

Recommendation: bottling and transfer. Tightly sealed safety glasses.

##### Hand protection

Tested protective gloves are to be worn:  
PVC (Polyvinyl chloride). NBR (Nitrile rubber). PVC (Polyvinyl chloride). PVA (Polyvinyl alcohol). Viton

Unsuitable material: CR (polychloroprenes, Chloroprene rubber). Butyl rubber. NR (Natural rubber (Caoutchouc), Natural latex).

##### Skin protection

Body protection: not required.

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Insufficient absorption. high concentration.  
Handling larger quantities.  
Full-/Half-/Quarter-Masks (DIN EN 136/140). A

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless clear
Odour:	fruity

#### Test method

pH-Value:	not applicable
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#### Changes in the physical state

Initial boiling point and boiling range: 130-165 °C

Flash point: 27 (TCC) °C

#### Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: 0,7 vol. %

Upper explosion limits: 7 vol. %

Ignition temperature: >200 °C

#### Oxidizing properties

not oxidizing.

Vapour pressure: 10 hPa  
(at 20 °C)

Density: 0,75-0,76 g/cm<sup>3</sup>

Water solubility: virtually insoluble

Solvent content: 100

#### 9.2. Other information

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No risks worthy of mention.

#### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3. Possibility of hazardous reactions

No risks worthy of mention.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

In use, may form flammable/explosive vapour-air mixture.

#### 10.5. Incompatible materials

Oxidizing agents, strong.

#### 10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Harmful: may cause lung damage if swallowed. (pulmonary oedema. )

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	Exposure route	Dose		Species	Source
64742-48-9	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)				
	oral	LD50	>2000 mg/kg	Rat	
	dermal	LD50	>2000 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50	>5 mg/l	Rat	
	inhalative (4 h) aerosol	LC50	>5 mg/l	Rat	
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)				
	oral	LD50	>5000 mg/kg	rat	
	dermal	LD50	>5000 mg/kg	rbt	
	inhalative (4 h) vapour	LC50	>5 mg/l	rat	

### Irritation and corrosivity

mild irritant.

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

### Sensitising effects

no danger of sensitization.

### STOT-single exposure

May cause drowsiness or dizziness.

### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

### Aspiration hazard

May be fatal if swallowed and enters airways.

### Additional information on tests

Has de-greasing effect on the skin.

After cleaning apply high-fat content skin care cream.

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
64742-48-9	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)				
	Acute fish toxicity	LC50 10-100 mg/l	96 h		
	Acute algae toxicity	ErC50 >100 mg/l			
	Acute crustacea toxicity	EC50 >100 mg/l	48 h		
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)				
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna	

### 12.2. Persistence and degradability

Abiotic degradation in Air.

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)			
		80%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

### 12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

### 12.4. Mobility in soil

Product is easily volatile.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

Product is difficult to dissolve in water.

### Further information

Mechanical separation in a purification plant is possible.

Doesn't get into the sewage water as long as the process is carried out according to regulations.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Consult manufacturer about disposal.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

#### Waste disposal number of waste from residues/unused products

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08); waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures  
Classified as hazardous waste.

#### Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Water with tenside additive.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

UN 3295

#### 14.2. UN proper shipping name:

HYDROCARBONS, LIQUID, N.O.S. (aliphatic hydrocarbons)

#### 14.3. Transport hazard class(es):

3

#### 14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

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Limited quantity: LQ7  
Hazard No: 30  
Tunnel restriction code: D/E

### Other applicable information (land transport)

: 640D 649  
: 2  
: D1E  
: 3  
: E  
E1

### Inland waterways transport (ADN)

**14.1. UN number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (aliphatic hydrocarbons)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Limited quantity: LQ7

### Other applicable information (inland waterways transport)

E1

### Marine transport (IMDG)

**14.1. UN number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (aliphatic hydrocarbons)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Marine pollutant: •  
Limited quantity: 5 L  
EmS: F-E, S-D

### Other applicable information (marine transport)

: 944  
: 223, 944, 955  
E1

### Air transport (ICAO)

**14.1. UN number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (aliphatic hydrocarbons)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3







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Limited quantity Passenger:	10 L	
IATA-packing instructions - Passenger:		309
IATA-max. quantity - Passenger:		60 L
IATA-packing instructions - Cargo:		310
IATA-max. quantity - Cargo:		220 L

#### Other applicable information (air transport)

: Y305

: Y309

E1

Special provisions: A3 A224

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

Keep container tightly closed.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

### SECTION 15: Regulatory information

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

##### EU regulatory information

2004/42/EC (VOC): Volatile organic compounds (VOC) in percentage by weight: 100

##### Additional information

648/2004: chapter 3 chemical characterization (mixture)

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*