



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 1 of 8

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

##### 1.1. Product identifier

Insect Remover Plus (German: Insektenentferner Plus)

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

###### Use of the substance/mixture

Cleaner Concentrate

###### 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

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

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

###### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

###### Additional advice on labelling

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

##### 2.3. Other hazards

Avoid contact with eyes.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004, Complexing agent. (GLDA),  
Additional information: glycol ether, alkanolamines, Dyestuff.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 2 of 8

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
69011-36-5	isotridecanol ethoxylates (>5-20EO)			< 1 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			< 1 %
	931-333-8		01-2119489410-39	
	Eye Dam. 1, Aquatic Chronic 3; H318 H412			
5989-27-5	Limonene (perfumes)			0,01-0,1 %
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410			
5392-40-5	Citral (perfumes)			0,01-0,1 %
	226-394-6			
	Skin Irrit. 2, Skin Sens. 1; H315 H317			
91-64-5	Coumarin (perfumes)			0,01-0,1 %
	Acute Tox. 4, Skin Sens. 1; H302 H317			

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

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

< 5 % non-ionic surfactants, < 5 % anionic surfactants, < 5 % amphoteric surfactants, < 5 % phosphonates, perfumes (Limonene, Citral, Coumarin).

#### Further Information

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

Trisodium nitrilotriacetate (NTA) is an attend of GLDA.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

Provide fresh air.

##### After contact with skin

Rinse with water.

After cleaning apply high-fat content skin care cream.

##### After contact with eyes

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

##### After ingestion

Rinse mouth thoroughly with water.

Do NOT induce vomiting. Seek medical advice.

Let water be drunken in little sips (dilution effect).

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

No known symptoms to date.

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

Give Dimeticon (Defoamer).



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 3 of 8

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**

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

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

No special fire protection measures are necessary.

##### 5.3. Advice for firefighters

No special fire protection measures are necessary.

#### SECTION 6: Accidental release measures

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

The following must be prevented:

Eye contact.

skin contact.

##### 6.2. Environmental precautions

Suitable material for diluting or neutralizing:

Water.

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

Methods of cleaning - small amounts of spilled material: Dilute with plenty of water.

Methods of cleaning - large amounts of spilled material: Take up mechanically, placing in appropriate containers for disposal.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### **Advice on safe handling**

Do not breathe gas/fumes/vapour/spray.

###### **Advice on protection against fire and explosion**

Not combustible.

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

###### **Requirements for storage rooms and vessels**

Store only in original container.

###### **Advice on storage compatibility**

No special precautionary measures are necessary.

###### **Further information on storage conditions**

Recommended storage temperature: up to °C: 30

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

Automotive cleaning products

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

##### 8.2. Exposure controls

###### **Protective and hygiene measures**

Avoid contact with eyes.

Wash hands before breaks and after work.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 4 of 8

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Suitable material:

Neopren. NR (Natural rubber (Caoutchouc), Natural latex). CR (polychloroprenes, Chloroprene rubber). NBR (Nitrile rubber).

#### Skin protection

Body protection: not required.

#### Respiratory protection

Respiratory protection not required.

### SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	light yellow clear
Odour:	product-specific

#### Test method

pH-Value (at 20 °C):	ca. 11,0
----------------------	----------

#### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	not applicable

#### Explosive properties

not Explosive.

#### Oxidizing properties

not oxidizing.

Vapour pressure:	ca. 23 hPa
------------------	------------

Density:	1,02 g/cm <sup>3</sup>
----------	------------------------

Water solubility:	complete miscible
-------------------	-------------------

Solvent content:	8%
------------------	----

#### 9.2. Other information

Not combustible.

### 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

No risks worthy of mention.

#### 10.5. Incompatible materials

none



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 5 of 8

#### **10.6. Hazardous decomposition products**

No risks worthy of mention.

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
69011-36-5	isotridecanol ethoxylates (>5-20EO)			
	oral	LD50 >2000 mg/kg	Rat	
	dermal	LD50 >2000 mg/kg	Rabbit	
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			
	oral	LD50 >5000 mg/kg	Rat	
91-64-5	Coumarin (perfumes)			
	oral	ATE 500 mg/kg		

##### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

##### **Sensitising effects**

May cause sensitisation by skin contact.  
(648/2004: chapter 3 fragrances)

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

##### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

##### **Practical experience**

##### **Other observations**

Has de-greasing effect on the skin.  
After cleaning apply high-fat content skin care cream.

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 6 of 8

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
69011-36-5	isotridecanol ethoxylates (>5-20EO)				
	Acute fish toxicity	LC50 >1-10 mg/l	96 h	Cyprinus carpio	OECD TG 203
	Acute algae toxicity	ErC50 >1-10 mg/l	72 h	Scenedesmus subspicatus	OECD TG 201
	Acute crustacea toxicity	EC50 >1-10 mg/l	48 h	Daphnia magna	OECD TG 202
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts				
	Acute fish toxicity	LC50 5,2 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50 24 mg/l	96 h		
	Acute crustacea toxicity	EC50 17,3 mg/l	48 h	Daphnia magna	

#### 12.2. Persistence and degradability

The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
69011-36-5	isotridecanol ethoxylates (>5-20EO)			
	OECD-Richtlinie 301 A	>70%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			
	OECD-Richtlinie 301 B	>60%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

#### 12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
69011-36-5	isotridecanol ethoxylates (>5-20EO)	2,4

#### 12.4. Mobility in soil

No data available

#### 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

No risks worthy of mention.

#### Further information

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

Chemical Oxygen Demand (COD) [mg O<sub>2</sub>/g Produkt]: 220

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on 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



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 7 of 8

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

#### 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.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

Consult supplier about waste disposal.

Cleaned containers may be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### Air transport (ICAO)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No special measures are necessary.

#### 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: 3,0

##### Additional information

648/2004: chapter 3 chemical characterization (mixture)

##### National regulatory information

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



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Insect Remover Plus (German: Insektenentferner Plus)

Print date: 16.03.2016

Page 8 of 8

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

#### 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.)*