

## Safety Data Sheet

plus6 Werkzeuge GmbH & Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 1 of 9

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

### 1.1. Product identifier

Waschbenzin

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

#### Use of the substance/mixture

Cleaning agent. Solvent mixture

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

Company name:	plus6 Werkzeuge GmbH & Co.KG		
Street:	Gewerbepark 9		
Place:	DE-06917 Jessen		
Telephone:	+49(0)3877/95747-60	Telefax:	+49(0)3877/95747-62
e-mail:	info@plus6.de		
Contact person:	Ulrike Steinke	Telephone:	+49(0)3877-95747-60
e-mail:	info@plus6.de		
Internet:	www.plus6.de		
Responsible Department:	Sicherheitsdatenblätter / Datenmanagement		

### 1.4. Emergency telephone number:

Giftnotruf Berlin +49 (0) 30/30686 700

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard categories:  
 Flammable liquid: Flam. Liq. 2  
 Skin corrosion/irritation: Skin Irrit. 2  
 Specific target organ toxicity - single exposure: STOT SE 3  
 Aspiration hazard: Asp. Tox. 1  
 Hazardous to the aquatic environment: Aquatic Chronic 2  
 Hazard Statements:  
 Highly flammable liquid and vapour.  
 May be fatal if swallowed and enters airways.  
 Causes skin irritation.  
 May cause drowsiness or dizziness.  
 Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

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

#### Hazard components for labelling

Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane n-hexane

Signal word: Danger

#### Pictograms:



#### Hazard statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 2 of 9

H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 Ground/bond container and receiving equipment.  
P243 Take precautionary measures against static discharge.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

#### Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

#### 2.3. Other hazards

Processing vapours can irritate the respiratory tracts, skin and eyes.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-49-0	Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			95 - < 100 %
	265-151-9	649-328-00-1		
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
110-54-3	n-hexane			< 5 %
	203-777-6	601-037-00-0	01-2119480412-44	
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411			

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

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

>= 30 % aliphatic hydrocarbons.

#### Further Information

n-hexane: This product contains less than 0.1% benzene by weight and is not classified as carcinogenic. (Annex VI/CLP 1272/2008)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove contaminated, saturated clothing immediately.

##### After inhalation

Provide fresh air. Seek medical attention if problems persist. In case of breathing difficulties administer oxygen. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 3 of 9

#### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### After ingestion

Caution if victim vomits: Risk of aspiration! Medical treatment necessary.

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

In all cases of doubt, or when symptoms persist, seek medical advice. The following symptoms may occur: Depression of the central nervous system. Dizziness. unconsciousness.

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

Caution if victim vomits: Risk of aspiration! 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

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam. Extinguishing powder.

##### Unsuitable extinguishing media

High power water jet.

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

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

#### 5.3. Advice for firefighters

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

#### Additional information

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers.

### SECTION 6: Accidental release measures

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

Remove all sources of ignition. Provide adequate ventilation.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 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).

#### 6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

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

Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

#### 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.

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 4 of 9

#### Further information on storage conditions

Protect against: heat. UV-radiation/sunlight.

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

Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
110-54-3	n-Hexane	20	72		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

##### DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64742-49-0	Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m³
Worker DNEL, long-term		inhalation	systemic	2035 mg/m³

#### 8.2. Exposure controls

##### Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Do not eat, drink, smoke or sneeze at the workplace.

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Protect skin by using skin protective cream.

Hand protection: NBR (Nitrile rubber).

Thickness of glove material: 0,45mm  
penetration time (maximum wearing period): 240min

##### Skin protection

Chemical resistant safety shoes

##### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Combination filter device (DIN EN 141).. A-P2

##### Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	colourless
Odour:	like: Benzine

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 5 of 9

#### Test method

pH-Value:	not applicable
<b>Changes in the physical state</b>	
Melting point:	< -20 °C
boiling temperature / boiling range::	not determined
Flash point:	- 26 °C
Lower explosion limits:	1,1 vol. %
Upper explosion limits:	7 vol. %
Ignition temperature:	260 °C ASTM E 659
Vapour pressure: (at 20 °C)	190 hPa
Density (at 15 °C):	ca. 0,7 g/cm <sup>3</sup>
Water solubility:	Immiscible
Viscosity / kinematic: (at 25 °C)	0,45 mm <sup>2</sup> /s
Solvent content:	100%

#### 9.2. Other information

Speed of vaporization/evaporation rate: 7,6 (ASTM D 3539, n-Butyl acetate. = 1)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Ignition hazard.

#### 10.2. Chemical stability

not relevant

#### 10.3. Possibility of hazardous reactions

Reacts with : Oxidizing agents, strong.

#### 10.4. Conditions to avoid

Ignition hazard.

#### 10.5. Incompatible materials

Oxidizing agents, strong.

#### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 6 of 9

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-49-0	Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	oral	LD50 > 2000 mg/kg	rat		
	dermal	LD50 > 2000 mg/kg	rabbit		
	inhalative (4 h) aerosol	LC50 > 5 mg/l	rat		

#### Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

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

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

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

#### STOT-single exposure

May cause drowsiness or dizziness. (Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane)

#### STOT-repeated exposure

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

#### Aspiration hazard

May be fatal if swallowed and enters airways. (Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane; n-hexane)

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-49-0	Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
	Acute crustacea toxicity	EC50 1 - 10 mg/l	48 h	daphnia		
110-54-3	n-hexane					
	Acute fish toxicity	LC50 2,5 mg/l	96 h	Pimephales promelas	Geiger et al. 1990	

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

No data available

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
110-54-3	n-hexane	3,9

### 12.4. Mobility in soil

product is easily volatile.

### 12.5. Results of PBT and vPvB assessment

There are no data available on the mixture itself.

### 12.6. Other adverse effects

Toxic to fish.

## Safety Data Sheet

plus6 Werkzeuge GmbH & Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 7 of 9

#### Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.  
slightly hazardous to water (WGK 1)

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal


Dispose of waste according to applicable legislation.

##### Contaminated packaging


Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number:</b>	UN 3295
<b>14.2. UN proper shipping name:</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
	
Classification code:	F1
Special Provisions:	640D
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

#### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	UN 3295
<b>14.2. UN proper shipping name:</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
	
Classification code:	F1
Special Provisions:	640D
Limited quantity:	1 L
Excepted quantity:	E2

#### Marine transport (IMDG)

<b>14.1. UN number:</b>	UN 3295
<b>14.2. UN proper shipping name:</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3

## Safety Data Sheet

plus6 Werkzeuge GmbH & Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 8 of 9



Special Provisions: -  
Limited quantity: 1 L  
Excepted quantity: E2  
EmS: F-E, S-D

#### Air transport (ICAO-TI/IATA-DGR)

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



Special Provisions: A3 A224  
Limited quantity Passenger: 1 L  
Passenger LQ: Y341  
Excepted quantity: E2  
IATA-packing instructions - Passenger: 353  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 364  
IATA-max. quantity - Cargo: 60 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

#### 14.6. Special precautions for user

No data available

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

No data available

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Naphtha (petroleum), hydrotreated light; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

2004/42/EC (VOC): VOC-value (in g/L): 700  
Volatile organic compounds (VOC) content in percent by weight: 100%

##### 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

## Safety Data Sheet

plus6 Werkzeuge GmbH &amp; Co.KG

according to Regulation (EC) No 1907/2006

### Waschbenzin

Revision date: 10.07.2015

Prod.Nr.: 82655XX

Page 9 of 9

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

#### **SECTION 16: Other information**

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

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

##### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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