



# SAFETY DATA SHEETS

## Identification

### 1.1 GHS Product identifier

Product name	toluene
--------------	---------

### 1.2 Other means of identification

Product number	-
Other names	methylbenzol

### 1.3 Recommended use of the chemical and restrictions on use

Identified uses	For industry use only.
Uses advised against	no data available

### 1.4 Supplier's details

Company	Peak Supply Co
Address	5664 Cahuenga blvd. North Hollywood CA 91601
Telephone	(818) 308-6227

### 1.5 Emergency phone number

Emergency phone number	
Service hours	Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

## Hazard identification

### 2.1 Classification of the substance or mixture

Flammable liquids, Category 2

Skin irritation, Category 2

Aspiration hazard, Category 1

Specific target organ toxicity – single exposure, Category 3

Specific target organ toxicity – repeated exposure, Category 2

Reproductive toxicity, Category 2

### 2.2 GHS label elements, including precautionary statements

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



Pictogram(s)



Signal word

Danger

Hazard statement(s)

H225 Highly flammable liquid and vapour

H315 Causes skin irritation

H304 May be fatal if swallowed and enters airways

H336 May cause drowsiness or dizziness

Precautionary statement(s)

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash ... thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.



Response	<p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P370+P378 In case of fire: Use ... to extinguish.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water/...</p> <p>P321 Specific treatment (see ... on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...</p> <p>P331 Do NOT induce vomiting.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER/doctor/...if you feel unwell.</p> <p>P314 Get medical advice/attention if you feel unwell.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p>
Storage	<p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p>
Disposal	<p>P501 Dispose of contents/container to ...</p>

## 2.3 Other hazards which do not result in classification

none

## 3. Composition/information on ingredients

### 3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
toluene	toluene	108-88-3	none	100%

## 4. First-aid measures

### 4.1 Description of necessary first-aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## **4.2 Most important symptoms/effects, acute and delayed**

no data available

## **4.3 Indication of immediate medical attention and special treatment needed, if necessary**

no data available

---

## **5. Fire-fighting measures**

### **5.1 Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2 Specific hazards arising from the chemical**

no data available

### **5.3 Special protective actions for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

---

## **6. Accidental release measures**

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

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### **6.3 Methods and materials for containment and cleaning up**

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

---

## **7. Handling and storage**

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

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure limit values

no data available

#### Biological limit values

no data available

### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Respiratory protection

Wear dust mask when handling large quantities.

#### Thermal hazards

no data available

## 9. Physical and chemical properties

Physical state

Colorless liquid

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



Colour	no data available
Odour	no data available
Melting point/ freezing point	-95 °C
Boiling point or initial boiling point and boiling range	110-111°C(lit.)
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	4°C
Auto-ignition temperature	536.11°C
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	In water:0.5 g/L (20 °C)
Partition coefficient n-octanol/water (log value)	no data available
Vapour pressure	22 mm Hg ( 20 °C)
Density and/or relative density	0.865g/mL at 25°C(lit.)
Relative vapour density	3.2 (vs air)
Particle characteristics	no data available

## 10.Stability and reactivity

### 10.1Reactivity

no data available

### 10.2Chemical stability

Stable under recommended storage conditions.

### 10.3Possibility of hazardous reactions

no data available

### 10.4Conditions to avoid

no data available

### 10.5Incompatible materials

no data available

### 10.6Hazardous decomposition products

no data available

## 11.Toxicological information

Acute toxicity

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



- Oral: no data available
- Inhalation: no data available
- Dermal: no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration hazard**

no data available

---

**12. Ecological information****12.1 Toxicity**

- Toxicity to fish: no data available
- Toxicity to daphnia and other aquatic invertebrates: no data available
- Toxicity to algae: no data available
- Toxicity to microorganisms: no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)



no data available

## 12.4 Mobility in soil

no data available

## 12.5 Other adverse effects

no data available

## 13. Disposal considerations

### 13.1 Disposal methods

#### Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

#### Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

## 14. Transport information

### 14.1 UN Number

ADR/RID: UN1294

IMDG: UN1294

IATA: UN1294

### 14.2 UN Proper Shipping Name

ADR/RID: TOLUENE

IMDG: TOLUENE

IATA: TOLUENE

### 14.3 Transport hazard class(es)

ADR/RID: 3

IMDG: 3

IATA: 3

### 14.4 Packing group, if applicable

ADR/RID: II

IMDG: II

IATA: II

### 14.5 Environmental hazards

ADR/RID: no

IMDG: no

IATA: no

### 14.6 Special precautions for user

no data available

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)





#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

### 15. Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
toluene	toluene	108-88-3	none
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.

### 16. Other information

#### Information on revision

Creation Date Aug 12, 2017

Revision Date Aug 12, 2017

#### Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

#### References

- IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>
- HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>
- IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>
- eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: [http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en)

Add: 5664 Cahuenga blvd. North Hollywood CA 91601  
Tel: (818) 308-6227

Web: [www.peaksupplyco.com](http://www.peaksupplyco.com)  
Email: [Info@PeakSupplyCo.com](mailto:Info@PeakSupplyCo.com)