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## Product Information

# PTAL

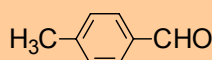
--- p-Tolualdehyde ---



MITSUBISHI GAS CHEMICAL COMPANY, INC.

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**Description** p-Tolualdehyde is a clear colorless liquid.  
Chemical formula: C<sub>8</sub>H<sub>8</sub>O



Molecular weight: 120.2

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<b>Typical Properties</b>	Appearance, visual .....	Colorless liquid
	Purity, % .....	97.6
	Color, HAZEN .....	10
	Boiling Point, °C .....	205.9
	Melting Point, °C .....	-5.6
	Vapor Pressure, 25°C, mmHg .....	Not known
	Acid value, mgKOH/g .....	0.1
	Specific gravity, 16.7°C .....	1.0194
	Odor .....	Aromatic odor
	Solubility .....	Soluble in ethanol, ether and toluene
		Soluble in water 0.27wt%(at 40°C), 0.4wt%(at 80°C)

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<b>Sales Specifications</b>	Purity, GC, % .....	96 min
	Color, spectrophotometry, HAZEN .....	100 max
	Acid value, titration, mgKOH/g .....	3 max

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**Applications** Additives for resins, Pharmaceutical intermediate  
Agricultural intermediate, Flavor and Fragrance

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**Container Information** Available in 190 Kgs steel drum.

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**Precautions for Safe Handling and Use****Extinguishing media**

Small fire: Carbon dioxide,  
Large fire: Water spray or alcohol foam

**Health safety precautions**

Avoid contact with eyes, skin and clothing.  
Avoid breathing vapor.  
Wash thoroughly the face, the hands after handling.

**Storage conditions**

Store in cool and dry place.

For specific safety, handling and toxicity information,  
please refer to the current Material Safety Data Sheet.

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**First Aid****If inhaled**

Remove to fresh air immediately. Call a physician.

**Skin contact**

Wash skin thoroughly with a plenty of soap and water  
while removing contaminated clothing and shoed.

**Eye contact**

Immediately flush eyes with a plenty of water enough.  
Call a physician.

**If swallowed**

Induce vomiting if victim is conscious. Call a physician.  
Never give anything by mouth to an unconscious person.

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**Chemical Registration Numbers**

CAS: 104-87-0  
EINECS: 2032469

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The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Mitsubishi Gas Chemical Company. It is the responsibility of the users to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.

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