

Toluene Standardization Fuel 93.4

INGREDIENTS	CAS NO	%	8HR OEL
toluene	108-88-3	70-80	191 mg/m3
n-heptane	142-82-5	20-30	1640 mg/m3



UN No: 1268
 Hazchem Code: 3YE
 DG Class: 3
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: **Not Applicable**



NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 Harmful if swallowed.
 Irritating to eyes and skin.
 HARMFUL-May cause lung damage if swallowed.
 Vapours may cause drowsiness and dizziness.

Chronic Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 Possible risk of harm to the unborn child.

* – limited evidence

PROPERTIES



Does not mix with water. Highly flammable.

EMERGENCY



FIRST AID

Swallowed:

Give water (if conscious). Seek medical advice.
 Do NOT give milk or oil.
 Do NOT give alcohol.

Eye:

Wash with running water.

Skin:

Remove contaminated clothing. Wash with soap & water.

Inhaled:

Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

Advice To Doctor:

Evaluate for respiratory distress. Consider lavage with cuffed tube. NO adrenalin.

Fire Fighting:

Keep containers cool.
 Foam.

Spills and Disposal:

Eliminate ignition sources.
 Consider evacuation.
 Prevent from entering drains.
 Contain spillage by any means.

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

Gloves:

1.VITON 2.PVA 3.NITRILE, PVC

Respirator:

Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area.
 Restrictions on Storage apply. Refer to Full Report.

Fire/Explosion Hazard:

HIGHLY FLAMMABLE.
 Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.

Environment:

Very toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together