SAFETY DATA SHEET

tert-Butyl acrylate contains 10-20 ppm monomethyl ether

Hazard Statement(s)
H225 Highly Flammable liquid and vapour
H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H331 Toxic if inhaled
H335 May cause respiratory irritation
H411 Toxic to aquatic life with long lasting effects
Precautionary Statement(s)
P210  Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233  Keep container tightly closed.
P240  Ground/bond container and receiving equipment.
P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P271  Use only outdoors or in a well-ventilated area.
P273  Avoid release to the environment.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.
P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P311  Call a POISON CENTER or doctor/physician.
P330  Rinse mouth.
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.
P391  Collect spillage. Hazardous to the aquatic environment
P403 + P235 Store in a well-ventilated place. Keep cool.

COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : 1,1-Dimethylethyl 2-propenoate, 2-Propenoic acid tert-butyl ester, tert-Butyl 2-propenoate, tert-Butyl propenoate
Formula : C7H12O2
Molecular Weight : 128.17 g/mol

<table>
<thead>
<tr>
<th>CAS</th>
<th>Description</th>
<th>Concentration</th>
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<tbody>
<tr>
<td>1663-39-4</td>
<td>tert-Butyl acrylate contains 10-20 ppm monomethyl ether hydroquinone as inhibitor</td>
<td>98%</td>
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</tbody>
</table>

FIRST AID MEASURES

In case of eye contact
Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

In case of skin contact
Wash thoroughly with soap and plenty of water. Seek medical attention.

If inhaled
Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

If swallowed
Do not induce vomiting. Give water to victim to drink. Seek medical attention.
FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards/decomposition of product
emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

Environmental precautions
Prevent further leakage if safe to do so.

Methods and materials for containment and clean up
Absorb spills on sand or vermiculite and place in closed container for disposal.

HANDLING AND STORAGE

Precautions for safe handling
Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

Precautions for safe storage
Keep container tightly closed. Store in a cool, dry, well-ventilated area.

EXPOSURE CONTROL/PERSOAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Eye/face protection
Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand/skin protection
Avoid all direct contact with product. Wear chemical-resistant gloves. Wear protective clothing and boots. After contact with skin, wash immediately.

Respiratory protection
Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

PHYSICAL AND CHEMICAL PROPERTIES

tert-Butyl acrylate contains 10-100 ppm monomethyl
Appearance  Colorless liquid
Odour  no data available
Odour Threshold  no data available
Melting point/Freezing Point  no data available
Boiling Point  61-63°C/60mm Hg
Flash Point  17°C-closed cup
Evaporation Rate  no data available
Flammability (solid, gas)  no data available
Upper/Lower Flammability or Explosive limits  no data available
Vapour pressure  no data available
Relative Density  0.875
Solubility(ies)  no data available
Partition coefficient: n-octanol/water  no data available
Auto-ignition temperature  no data available
Decomposition temperature  no data available
Viscosity  no data available
Refractive Index  1.410

STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions.
Contains the following stabilizer: Mequinol (>=10 - <=20ppm)

Possibility of hazardous reactions
no data available

Conditions to avoid
Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
May evolve carbon monoxide and carbon dioxide.

TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50
Rat - 1,056 mg/kg

Inhalation LC50
Rat - 4h - 7,000 mg/m3

Dermal LD50
Rabbit - 2,000 mg/kg

Skin corrosion/irritation
Rinse mouth.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position.

61–63°C/60mm Hg Ground/bond container and receiving equipment.

0.875 no data available 17°C-closed cup

**IF SKIN irritation occurs:** Get medical advice/attention.

May cause an allergic skin reaction no data available

Harmful if swallowed Avoid release to the environment.

Colorless liquid Store in a well-ventilated place. Keep cool.

no data available Concentration

1.410 Call a POISON CENTER or doctor/physician.

C7H12O2

IF ON SKIN (or hair): Remove/Take off Immediately all contaminated

Highly Flammable liquid and vapor Causes skin irritation Harmful in contact with skin

TOXICOLOGICAL INFORMATION

ACCIDENTAL RELEASE MEASURES

Hazardous to the aquatic environment, long-term hazard (Category 2)

Skin corrosion/irritation (Category 2)

Acute toxicity, dermal (Category 4)

STOT-repeated exposure no data available

Aspiration hazard no data available

Exposure Routes Irritating to skin, eyes, and respiratory system. May have harmful effects if inhaled or swallowed.

**Signs and Symptoms of Exposure**

Cough, shortness of breath, headache, nausea, vomiting

To the best of our knowledge, the health hazards of this material have not been fully investigated.

ECOLOGICAL INFORMATION

**Toxicity**

Toxicity to fish:
LC50 - Leuciscus idus (Golden orfe) - 46-68mg/l - 96h

Toxicity to daphnia and other aquatic invertebrates:
EC50 - Daphnia magna (Water flea) - 57 mg/l -48h

Toxicity to algae:
EC50 - Desmodesmus subspicatus (green algae) - 280 mg/l - 72h

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

tert-Butyl acrylate contains 10-100 ppm monomethyl ether hydroquinone as an inhibitor.
SAFETY DATA SHEET

17°C-closed cup

Keep container tightly closed.

Concentration

C7H12O2

no data available

Toxic to aquatic life with long lasting effects

Harmful if swallowed

Causes skin irritation:

no data available

IF SKIN irritation occurs: Get medical advice/attention.

61–63°C/60mm Hg

Rinse mouth.

Wear protective gloves/protective clothing/eye protection/face

no data available

no data available

no data available

0.875

128.17 g/mol

no data available

1.410

no data available

no data available

no data available

no data available

no data available

no data available

no data available

tert-Butyl acrylate contains 10-100 ppm monomethyl ether hydroquinone as inhibitor

SDS

REGULATORY INFORMATION

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

New Jersey Right to Know Components
This product may contain a chemical on the New Jersey Right to Know Components List.

CAS
tert-Butyl acrylate contains 10-20 ppm monomethyl ether hydroquinone as inhibitor 1663-39-4

California Prop. 65 Components
This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

OTHER INFORMATION

Version: 1.2
The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.