

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-tert-Butylbenzophenone
Product Number: 184
CAS Number: 22679-54-5

FOR R&D use only

Supplier: Company : Aaron Chemistry GmbH, Am Fischweiher 41-43, 82481 Mittenwald, Germany
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2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity, Oral (Category 4)
Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Specific target organ toxicity-single exposure(Category 3),Respiratory system

GHS Label elements, including precautionary Statements

Pictogram:



Signal word: warning

Hazard statement(s):

H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary Statement(s):

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient name: (4-(tert-butyl)phenyl)(phenyl)methanone
CAS number: 22679-54-5
Molecular Formula: C₁₇H₁₈O
Molecular Weight: 238.330

4. FIRST AID MEASURES

In case of eye contact:

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

If inhaled:

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

In case of skin Contact:

Wash off with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

If swallowed:

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

5. FIREFIGHTING MEASURES

Suitable extinguishing media:

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

Special protective equipment for firefighters:

Wear self-contained breathing apparatus for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions:

Do not let product enter drains.

Methods and Materials for containment and cleaning up

Absorb spills on sand or vermiculite and place in closed container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after

handling.

Conditions for safe storage:

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

Recommended storage temperature:

Store at Room Tem.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Engineering Controls:

Use only in a chemical fume hood.

Personal Protective equipment:

Wear chemical-resistant gloves, safety goggles.

General Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Odor: not available

Boiling point: not available

Melting point: not available

Flash Point: not available

Density: not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Materials to avoid: No data available

Conditions to avoid: strong oxidizer; strong acid

Possible hazardous combustion products: carbon oxides

11. Toxicological information

No Data.

12. ECOLOGICAL INFORMATION

No Data.

13. DISPOSAL CONSIDERAIONS

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

14. Transportation information

Non-hazardous for air and ground transportation. Or not available.

15. Regulatory Information

Indication of danger: No data

Risk Statement: No data

Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

16. Other information

Revision: 2

Revision Date: Update: 2019-1

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aaron Chemistry GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.