



CERTIFICATE OF ANALYSIS

PRODUCT BENZOPHENONE CRYST.

BATCH NO 4383724

BEST BEFORE END JANUARY 2022

| TEST | UNIT | RESULTS |
|-------------|--------|------------------------------|
| APPEARANCE | | CRYSTALLINE SOLID (POWDER) |
| COLOR | | WHITE TO PALE YELLOW |
| ODOR | | SWEET, ROSY, SLIGHTLY HERBAL |
| OTHER | | MELTING POINT: 47,7-48,5 °C |
| GC ANALYSIS | | PROFILE SIMILAR TO STANDARD |
| ASSAY | (% GC) | 99.90 |

FRAGRANCE ALLERGENS

Product name: BENZOPHENONE CRYST.

| Ingredient | Total content (w/w) |
|--|---------------------|
| Amyl cinnamic alcohol (CAS 101-85-9) | Not Detected |
| Amyl cinnamic aldehyde (CAS 122-40-7) | Not Detected |
| Anisyl alcohol (CAS 105-13-5) | Not Detected |
| Benzyl alcohol (CAS 100-51-6) | Not Detected |
| Benzyl benzoate (CAS 120-51-4) | Not Detected |
| Benzyl cinnamate (CAS 103-41-3) | Not Detected |
| Benzyl salicylate (CAS 118-58-1) | Not Detected |
| Cinnamic alcohol (CAS 104-54-1) | Not Detected |
| Cinnamic aldehyde (CAS 104-55-2) | Not Detected |
| Citral (CAS 5392-40-5) | Not Detected |
| Citronellol (CAS 106-22-9) | Not Detected |
| Coumarin (CAS 91-64-5) | Not Detected |
| Eugenol (CAS 97-53-0) | Not Detected |
| Farnesol (CAS 4602-84-0) | Not Detected |
| Geraniol (CAS 106-24-1) | Not Detected |
| Hexylcinnamic aldehyde (CAS 101-86-0) | Not Detected |
| Hydroxycitronellal (CAS 107-75-5) | Not Detected |
| Hydroxymethylpentylcyclohexene carboxaldehyde (Lyral) (CAS 31906-04-4) | Not Detected |
| Isoeugenol (CAS 97-54-1) | Not Detected |
| D-Limonene (CAS 5989-27-5) | Not Detected |
| Linalool (CAS 78-70-6) | Not Detected |
| 2-methyl-3-(4-(1,1-dimethyl ethyl) phenyl)propanal (Lilial) (CAS 80-54-6) | Not Detected |
| Methyl heptine carbonate (CAS 111-12-6) | Not Detected |
| Gamma-methylionone (iso-alfa-Methylionone) (3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one) (CAS 127-51-5) | Not Detected |
| Treemoss (Evernia furfuracea) (CAS 90028-67-4) | Not Detected |
| Oakmoss (Evernia prunastri)(CAS 90028-68-5) | Not Detected |

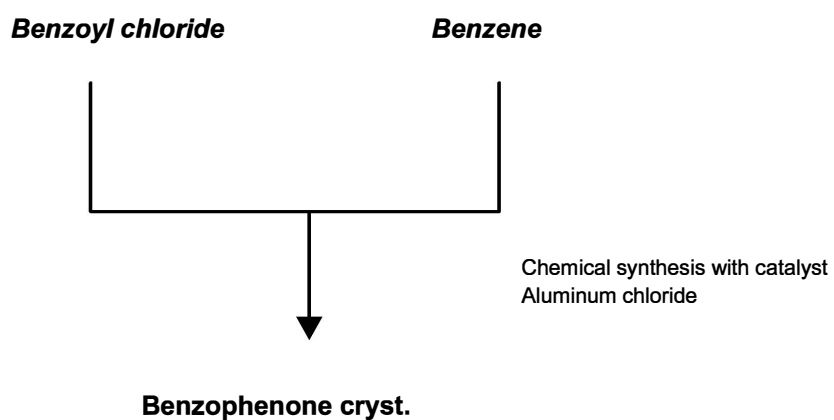
Detection limit: 10 ppm

This list comprises references 45, 67 and 69 to 92 in Annex III to Regulation (EC) 1223/2009 (the Cosmetics Regulation).

Version date: 4 October 2012

Flowchart of the Production Process

Product: BENZOPHENONE CRYST.



Information provided by our supplier(s) and/or according to literature data.

Confidential Fragrance Product Information Form

1. General Information

Supplier Product name: BENZOPHENONE CRYST.
 Chemical name: METHANONE, DIPHENYL-
 Type of Product: AROMA CHEMICAL
 INCI Name : BENZOPHENONE

 CAS number: 119-61-9
 CAS number(alternative):
 FEMA GRAS number 2134
 FDA GRAS citation: 172.515
 Molecular Formula: C13 H10 O
 Molecular weight: 182
 Generic Chemical class: KETONES
 Purity > 99.5
 Process description: Chemical synthesis from raw materials of mineral and/or petrochemical origin

Country of Origin

Harmonized Tariff Code: 2914390030
 Country of production: CHINA/GERMANY

GMO Statement

This product or any of its ingredients are derived from genetically modified organism (GMO) material : Yes No

BSE Statement

The product contains materials of specific risk from bovine, ovine or caprine animal species: Yes No

Organic Status

This product is suitable for use in a product bearing a claim of "Organic", or "made with Organic" as defined by 7 CFR Part 205 under the U.S National Organic Program: Yes (on request) No

This product is certified as organic according to the requirements of Regulation (EC) 834/2007: Yes (on request) No

This product may comply with Regulation (EC) 834/2007 in terms of (certificate on request):

- compliance with the objectives, principles and plant production standards for organic production
 compliance with the principles and plant production standards for organic production

2. Regulatory Status of ingredient(s)

This product or all components of the product have been listed on the following inventories:

| Region | Inventory | Yes | No | Inventory Number |
|-------------|---------------|-------------------------------------|--------------------------|------------------|
| USA | TSCA | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| EUROPE | EINECS/ELINCS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 204-337-6 |
| Canada | DSL/NDSL | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Japan | ENCS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3-1258 // 4-125 |
| Australia | AICS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| New Zealand | NZIoC | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Philippines | PICCS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Korea | ECL | <input checked="" type="checkbox"/> | <input type="checkbox"/> | KE-02716 |
| China | IECSC | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Taiwan | TCSI | <input type="checkbox"/> | <input type="checkbox"/> | |

3. **Hazard identification** (please see our SDS)

4. **Transportation** (please see our SDS)

5. **CMR Substances** (please see our SDS)

6. **Animal testing** (the product has not been tested on animals for cosmetic purposes.)

7. **Fragrance Specific Information**

EU fragrance Allergens

Allergens certificate available on request.

IFRA Certificate

IFRA certificate available on request.

Regulation (EC) 1223/2009 on Cosmetics Products

Substance(s) which are mentioned in the Annexes to the EU Cosmetics Regulation (other than preservatives, dyes, UV filters, fragrance allergens): None present

| Name | CAS-No. | Annex/Ref. | Percentage |
|------|---------|------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Other fragrance materials, restricted by major customers

Halogenated and Nitromusk substances:

None present

| Name of Halogenated / Nitromusk | CAS-No. | Percentage |
|---------------------------------|---------|------------|
| Musk Ketone | 81-14-1 | |
| Musk Xylol | 81-15-2 | |
| Rosalin | 90-17-5 | |
| | | |

Polycyclic musk compounds

None present

| Name of Polycyclic musk | CAS-No. | Percentage |
|---------------------------------|------------|------------|
| Celestolide® (Crysolide®, ADBI) | 13171-00-1 | |
| Galaxolide® (Abbalide®, HHCB) | 1222-05-5 | |
| Phantolide® (AHDI) | 15323-35-0 | |
| Tonalide® (Fixolide®, AHTN) | 21145-77-7 | |
| Traseolide® (ATII) | 68140-48-7 | |
| | | |

Macrocyclic musk compounds

None present

| Name of Macrocyclic Musk | CAS-No. | Percentage |
|--------------------------|---------|------------|
| | | |
| | | |
| | | |
| | | |
| | | |

Additives and solvents

| Added solvents | | None present <input checked="" type="checkbox"/> | Antioxidants/Stabilizers | | None present <input checked="" type="checkbox"/> |
|---------------------|------------|--|--------------------------|------------|--|
| Ingredient name | Percentage | | Ingredient name | Percentage | |
| Benzyl benzoate | | | BHA | | |
| Diethyl phthalate | | | BHT | | |
| Dipropyleneglycol | | | Tocopherol | | |
| Ethanol | | | | | |
| Ethyl diglycol | | | | | |
| Hercolyn | | | | | |
| Isopropyl myristate | | | | | |
| Propyleneglycol | | | | | |
| Triacetin | | | | | |
| Triethyl citrate | | | | | |
| | | | | | |

| Residual solvents | | None present <input type="checkbox"/> | Preservatives | | None present <input checked="" type="checkbox"/> |
|-------------------|-----------------|---------------------------------------|-------------------|------------|--|
| Ingredient name | Percentage | | Ingredient name | Percentage | |
| Benzene | < 10 ppm | | Methyl benzoate | | |
| Toluene | | | Ethyl benzoate | | |
| Hexane | | | Butyl benzoate | | |
| Ethanol | | | Isobutyl benzoate | | |
| Methanol | approx. 260 ppm | | Benzyl alcohol | | |
| | | | | | |

| Emulsifiers | | None present <input checked="" type="checkbox"/> | UV filters | | None present <input checked="" type="checkbox"/> |
|-----------------|------------|--|-----------------|------------|--|
| Ingredient name | Percentage | | Ingredient name | Percentage | |
| | | | | | |
| | | | | | |

| Colors & dyes | | None present <input checked="" type="checkbox"/> | | |
|-----------------|--|--|--------------------|------------|
| Ingredient name | | | Color Index Number | Percentage |
| | | | | |
| | | | | |

8. Volatile Organic Chemicals according to Swiss VOC-legislation (dated 12.11.1997/ 9.2.1999)

| | |
|------------|---|
| Percentage | 0 |
|------------|---|

9. Nanomaterials

This product contains nanomaterials as defined in Regulation (EC) 1223/2009 on Cosmetic Products and Recommendation 2011/696/EU on the definition of nanomaterial.

Yes No

10. California Proposition 65 None present

Information available on request.

| Name | CAS-No. | | Percentage |
|------|---------|--|------------|
| | | | 100,000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

11. CITES - Convention on International Trade in Endangered Species

- The product is listed in the Appendice to the CITES convention.
- The product is exempt from CITES requirements.

12. Supplier Guarantee

The information contained herein is to the best of our knowledge reliable at the below-mentioned date. It has been compiled from the currently existing information in our files received from our suppliers and/or the data obtained from the analysis made in our laboratory. It is provided for your guidance only. It is the ultimate responsibility of our customers to ensure the suitability of the product for their particular purpose by further testing if need be. This document cancels and replaces all previously issued documents for this product.

Version 4 Revised 13/06/16

G.M.O. CERTIFICATE

Product : BENZOPHENONE CRYST.

To our knowledge from the currently existing information in our files received from our suppliers, we certify that the above-mentioned product

- does not contain,
- does not consist of,
- is not derived from, and
- is not produced with the aid of

genetically modified organisms (GMO) or derivative ingredients. Therefore, it is exempt from the requirements of the EU Regulations 1829/2003/EC and 1830/2003/EC.

This document is electronically generated and therefore it is not signed



IFRA CONFORMITY CERTIFICATE

To our knowledge from the currently existing information in our files received from our suppliers and/or the data obtained from the analysis made in our laboratory, we certify that the following product:

BENZOPHENONE CRYST

is not restricted by the Standards of the International Fragrance Association (IFRA 48th Amendment / published June 2015), provided it is used at the following maximum concentration levels in the finished product⁽¹⁾:

| | | | |
|----------|-------------------------------|-----------|-------------------------------|
| Class 1 | Not restricted ⁽²⁾ | Class 6 | Not restricted ⁽²⁾ |
| Class 2 | Not restricted | Class 7A | Not restricted |
| Class 3A | Not restricted | Class 7B | Not restricted |
| Class 3B | Not restricted | Class 8A | Not restricted |
| Class 3C | Not restricted | Class 8B | Not restricted |
| Class 3D | Not restricted | Class 9A | Not restricted |
| Class 4A | Not restricted | Class 9B | Not restricted |
| Class 4B | Not restricted | Class 9C | Not restricted |
| Class 4C | Not restricted | Class 10A | Not restricted |
| Class 4D | Not restricted | Class 10B | Not restricted |
| Class 5 | Not restricted | Class 11 | Not restricted |

⁽¹⁾ the concentration of a fragrance ingredient should not exceed the usual concentration of the fragrance compound in the finished product.

⁽²⁾ IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution and, where these are lacking, with the recommendations laid down in the Code of Practice of IOFI (International Organisation of the Flavour Industry).

Please note this certificate does not include food status conformity check. A separate document, which may be available depending on the product, is needed for such purpose.

Contains no substances restricted by IFRA standards and bears no IFRA specification.

It may contain the following substance, for which a prohibition standard exists:

BENZENE

< 0,0001%

Note: the level of benzene has to be kept as low as practicable and should never exceed 1 ppm in the fragrance compound

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance ingredient) by further testing if need be.

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH)

BENZOPHENONE CRYST.

Revision date: 05-08-2016

Version: 3.0/CLP/EN

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**1.1. Identification of the substance/mixture**

Trade name: BENZOPHENONE CRYST.
Substance name: BENZOPHENONE
CAS Number: 119-61-9
CE Number: 204-337-6
REACH Registration number: 01-2119488052-40

1.2. Relevant identified uses of the substance or mixture and uses advised against

Raw material for the manufacture of fragrances and/or flavourings.

1.3. Details of the supplier of the safety data sheet

Company: Ernesto Ventós SA
Address: Carretera Real, 120 A
08960 Sant Just Desvern – Barcelona – SPAIN
Telephone: (00 34) 934 706 210
Fax: (00 34) 934 733 010
E-mail: info@ventos.com

1.4. Emergency telephone number

(+44) 1865 407333 (24h)
(+34) 91 114 2520 (24h) (ES)
(+1) 202 464 2554 (24h) (USA, Canada)

SECTION 2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Specific target organ toxicity following repeated exposure - Category 2 - H373
Hazardous to the aquatic environment, long-term (chronic) - Category 2 - H411

2.2. Label Elements**Hazard pictograms:****Signal Word:**

Warning

Hazard statements:

H373 – May cause damage to organs through prolonged or repeated exposure.
H411 – Toxic to aquatic life with long lasting effects.

Precautionary statements:

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.
P273 – Avoid release to the environment.
P314 – Get medical advice/attention if you feel unwell.
P391 – Collect spillage.
P501 – Dispose of contents/container according to local legislation.

2.3. Other hazards

No Information available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Chemical name: BENZOPHENONE
CAS number: 119-61-9
EC number: 204-337-6

SAFETY DATA SHEET
Conforms to Regulation (EC) No. 1907/2006 (REACH)

BENZOPHENONE CRYST.

Revision date: 05-08-2016

Version: 3.0/CLP/EN

Hazardous constituents:

| Chemical Name | % (w/w) | CAS No EC No | Classification according to Regulation 1272/2008 |
|----------------------|----------------|-------------------------|---|
| BENZOPHENONE | ≥50 | 119-61-9 204-337-6 | STOT RE 2 - H373 Aquatic Chronic 2 - H411 |

See the full text of the hazard statements in section 16.

3.2. Mixtures

Not applicable.

SECTION 4. FIRST-AID MEASURES

4.1. Description of necessary first aid measures

| | |
|---------------|--|
| Ingestion: | Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting. |
| Eye contact: | In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice. |
| Inhalation: | Remove person to fresh air and keep at rest. Seek immediate medical advice. |
| Skin contact: | Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist. |

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.
Do not allow spillage of fire to be poured into drains or watercourses.
Wear self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surrounding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.
Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.

6.3. Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Place in covered containers using non-sparking tools and transport outdoors.
Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).
Ventilate area and wash spill site after material pickup is complete.

6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH)

BENZOPHENONE CRYST.

Revision date: 05-08-2016

Version: 3.0/CLP/EN

SECTION 7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Do not store or handle this material near food or drinking water. Do not smoke.
Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.
Observe the rules of safety and hygiene at work.
Keep in the original container or an alternative made from a compatible material.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light.
Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).
Keep away from incompatible materials (see section 10).

7.3. Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**8.1. Control parameters**

Components with occupational exposure limits:
None known.

8.2. Exposure controls

Appropriate engineering controls: Measures should be taken to prevent materials from being splashed into the body.
Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Hand Protection: Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment.

Environmental exposure controls: Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation.
In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

| | |
|--|----------------------|
| Appearance: | Solid |
| Colour: | Conforms to standard |
| Odour: | Conforms to standard |
| Odour threshold: | Not determined |
| pH: | Not determined |
| Melting point/freezing point: | 47 |
| Boiling point/boiling range: | 306 |
| Flash point: | 145 °C |
| Evaporation rate: | Not determined |
| Flammability: | Not determined |
| Lower flammability/Explosive limit: | Not determined |
| Upper flammability/Explosive limit: | Not determined |
| Vapour pressure: | < 0,1 mbar to 20°C |
| Vapour Density: | Not determined |
| Density: | Not determined |
| Relative density: | Not determined |
| Water solubility: | INSOLUBLE IN WATER |
| Solubility in other solvents: | SOLUBLE IN ETHANOL |
| Partition coefficient n-octanol/water: | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Viscosity, dynamic: | Not determined |
| Viscosity, kinematic: | Not determined |
| Explosive properties: | Not determined |
| Oxidising properties: | Not determined |

SAFETY DATA SHEET
Conforms to Regulation (EC) No. 1907/2006 (REACH)

BENZOPHENONE CRYST.

Revision date: 05-08-2016

Version: 3.0/CLP/EN

9.2. Additional information

No information available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. Incompatible materials

Avoid contact with strong acids and bases and oxidizing agents.

10.6. Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|--|---|
| Acute toxicity | Based on the data available, the criteria for classification are not met. |
| Skin corrosion/irritation | Based on the data available, the criteria for classification are not met. |
| Serious eye damage/irritation | Based on the data available, the criteria for classification are not met. |
| Respiratory or skin sensitisation | Based on the data available, the criteria for classification are not met. |
| Germ cell mutagenicity | Based on the data available, the criteria for classification are not met. |
| Carcinogenicity | Based on the data available, the criteria for classification are not met. |
| Reproductive toxicity | Based on the data available, the criteria for classification are not met. |
| STOT-single exposure | Based on the data available, the criteria for classification are not met. |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Based on the data available, the criteria for classification are not met. |

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Assessment:

Toxic to aquatic life with long lasting effects.

Experimental/calculated data:

No information available.

12.2. Degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH)

BENZOPHENONE CRYST.

Revision date: 05-08-2016

Version: 3.0/CLP/EN

SECTION 14: TRANSPORT INFORMATION

| | ADR/RID/ADN | IMDG | IATA-ICAO |
|---|---|---|---|
| 14.1. UN Number | UN3077 | UN3077 | UN3077 |
| 14.2. UN Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOPHENONE) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOPHENONE) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZOPHENONE) |
| 14.3. Transport Hazard Class(es) | 9 | 9 | 9 |
| 14.4. Packing Group | III | III | III |
| 14.5. Environmental hazards | Yes | Yes | Yes |

Additional information**14.6 Special precautions for user**

None known

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

No information available

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available

15.2. Chemical safety assessment

No information available

SECTION 16: OTHER INFORMATION**Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 3:**

H373 – May cause damage to organs through prolonged or repeated exposure.

H411 – Toxic to aquatic life with long lasting effects.

The information included in this safety data sheet is based on the available data at the moment this document is issued. It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with local rules and legislation.

SPECIFICATION SHEET

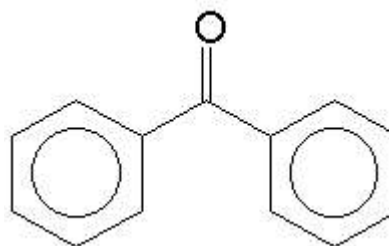
VERSION 4,00 **VERSION DATE** 05/12/06 **PRINT DATE** 09/11/18

PRODUCT BENZOPHENONE CRYST.
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME METHANONE, DIPHENYL-
SYNONYMS DIFENIL METANONA/BENZOYLBENZENE/PHENYLKETONE

FORMULA C13 H10 O
MOLECULAR WEIGHT 182,00
CAS 119-61-9

EINECS 204-337-6

FEMA 2134
TARIFF NUMBER 2914390030



REACH REGISTRATION NO. 01-2119488052-40

SPECIFICATIONS

| | |
|---------------------------------|------------------------------|
| ASPECT AT 20° C | CRYSTALLINE SOLID (POWDER) |
| COLOUR | WHITE TO PALE YELLOW |
| ODOUR | SWEET, ROSY, SLIGHTLY HERBAL |
| TASTE | SLIGHTLY CITRIC, FRUITY |
| DENSITY A 20° C (g / ml) | - |
| DENSITY 25/25 | - |
| REFRACTIVE INDEX nD20 | - |
| REFRACTIVE INDEX nD25 | - |
| OPTICAL ROTATION (°) | / |
| BOILING POINT (°C) | 306 |
| MELTING POINT (°C) | 47 |
| FLASH POINT (°C) | 145,00 |
| ASSAY (% GC) | > 99,5 |
| ACID VALUE (mg KOH/g) | - |
| SOLUBILITY | INSOLUBLE IN WATER |
| VAPOUR PRESSURE | < 0,1 mbar to 20°C |
| OTHER SOLUBILITIES | SOLUBLE IN ETHANOL |

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.