

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name / designation : BOND ACTIVATOR.  
Article No (user) : DBAC-7.

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

Relevant identified uses : Dental product.

#### 1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL  
Street: 83, Avenue Foch  
Postal code / City: 75116 Paris  
Country: France  
Telephone: [+33 1 45 91 30 06](tel:+33145913006)  
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)  
E-mail: [contact@itena-clinical.com](mailto:contact@itena-clinical.com)




#### 1.4 Emergency Telephone Number

Not available

### SECTION 2: Hazards identification



#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

	Classification	Hazard statements	
	Flam. Liq. 3	H226	Flammable liquid and vapour.
	Skin Sens. 1	H317	May cause an allergic skin reaction.
	Eye Irrit. 2	H319	Causes serious eye irritation.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Warning
Product identifiers	-
Hazard Statements	H226 - Flammable liquid and vapour. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P262 - Do not get in eyes, on skin, or on clothing.

Precautionary Statements - Response

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary Statements - Storage  
Precautionary Statements - Disposal

P403+P235 - Store in a well-ventilated place. Keep cool.  
-

### 2.3. Other hazards

Not available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
acetone CAS N°:67-64-1 EC N°:200-662-2 IDX N°:606-001-00-8	0.0% ≤C≤ 80.0%	Flam. Liq. 3: H226 Eye Irrit. 2: H319	-	[1]
ethanol CAS N°:64-17-5 EC N°:200-578-6 IDX N°:603-002-00-5	0.0% ≤C≤ 15.0%	Flam. Liq. 3: H226	-	-
dibenzoyl peroxide CAS N°:94-36-0 EC N°:202-327-6 IDX N°:617-008-00-0	0.0% ≤C≤ 5.0%	Skin Sens. 1: H317 Eye Irrit. 2: H319	-	-

[1] Substance for which maximum workplace exposure limits are available.

### 3.2. Mixtures

Not available

### 3.3. Remark

Text phrases and H- EUH-: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- Following inhalation : Remove person to fresh air and keep comfortable for breathing. In case of respiratory tract irritation, consult a physician. Provide fresh air.
- Following skin contact : Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.
- Following eye contact : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
- Self-protection of the first aider : First aider: Pay attention to self-protection!.

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

Not available

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

- Notes for the doctor : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder.

### 5.2. Special hazards arising from the substance or mixture

Not available

### 5.3. Advice for firefighters

Not available

#### 5.4. Additional information

Heat can cause rapid release of energy.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Not available

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

Never return spills in original containers for re-use. Soak up inert absorbent and dispose as waste requiring special attention.

#### 6.4. Reference to other sections

Not available

#### 6.5. Additional information

Not available

### SECTION 7: Handling and Storage

#### 7.1. Precautions for safe handling

Protective measures

Avoid contact with skin, eyes and clothes. Use only in well-ventilated areas. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place. Keep below 24°C, away from heat, light and ignition sources.

#### 7.3. Specific end uses

Observe instructions for use.

### SECTION 8: Exposure controls / personal protection

#### 8.1. Control parameters

Not available

#### 8.2. Exposure controls

##### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Use only in well-ventilated areas.

##### Personal protection equipment



Eye/face protection	:	No special measures are necessary.
Skin protection	:	Avoid contact with skin, eyes and clothes. Hand protection: Suitable gloves type: Disposable gloves. Hand protection: Additional hand protection measures.: Do not wear gloves near machines and rotating tools. Use gloves only once. Hand protection: Remark: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Breakthrough times and swelling properties of the material must be taken into consideration. Hand protection: Wear protective gloves.
Respiratory protection	:	Avoid breathing dust/fume/gas/mist/vapours/spray.

### 8.3. Additional information

Not available

## SECTION 9: Physical and chemical Properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colorless
Odour:	Specific odor
Odour threshold:	Not available
PH:	
Melting point/freezing point:	
Initial boiling point and boiling range:	N/A °C
Flash point:	N/A °C
Evaporation rate:	
Flammability:	
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	
Vapour density:	
Relative density:	
Solubility(ies):	Miscible
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	
Decomposition temperature:	
Viscosity:	
Explosive properties:	
Oxidising properties:	

### 9.2. Other safety information

Not available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions.

### 10.4. Conditions to avoid

Heat. Light. Contamination. Aging.

### 10.5. Incompatible materials

Oxidising agent. Reducing agent. Amines. Peroxides.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

### 10.7. Additional information

Not available

## SECTION 11: Toxicological information

### 11.1. Acute oral toxicity

#### Data for mixture

Not available

#### Substances

Not available

### 11.2. Acute skin toxicity

Data for mixture

Not available

Substances

Not available

### 11.3. Acute inhalation toxicity

Data for mixture

Not available

Substances

Not available

### 11.4. Skin corrosion

Data for mixture

Not available

Substances

Not available

### 11.5. Eye damage

Data for mixture

Not available

Substances

Not available

### 11.6. Skin sensitisation

Data for mixture

Not available

Substances

Not available

### 11.7. STOT RE

Data for mixture

Not available

Substances

Not available

### 11.8. STOT SE

Data for mixture

Not available

Substances

Not available

### 11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

### 11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

### 11.11. Genotoxicity

Data for mixture

Not available

Substances

Not available

### Additional information

Dryness and irritation possible upon prolonged exposure. May cause eye irritation and damage if not removed quickly. Prolonged or excessive inhalation may cause respiratory tract irritation. Uncured material may be harmful if swallowed.

#### Substances

Not available

#### Data for mixture

Dryness and irritation possible upon prolonged exposure. May cause eye irritation and damage if not removed quickly. Prolonged or excessive inhalation may cause respiratory tract irritation. Uncured material may be harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

### 12.7. Additional ecotoxicological information

Not available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal





Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation. May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

Waste treatment options: Appropriate disposal / Package: Dispose of waste according to applicable legislation.

### 13.2. Additional information

Not available

## SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number	1090	1090	1090	1090
14.2. UN proper shipping name	ACETONE	ACETONE	ACETONE	ACETONE
14.3. Transport hazard class(es)				
Class or Division	3	3	3	3
Hazard label(s)				
14.4. Packing group	II	II	II	II

### 14.5. Environmental hazards

No data available.

#### 14.6. Special precautions for user

No data available.

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

No data available.

#### 14.8. Additional information

Not available

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

This product requires classification according to the criteria of EC. This product is a medical device according to the EC-directive 93/42.

Not available

#### 15.2. Chemical Safety Assessment

No data available.

#### 15.3. Additional information

Not available

### SECTION 16: Other information

Creation date: 29/03/2017

Version date: 29/03/2017

Printing date: 16/06/2017

#### 16.1. Indication of changes

Not applicable (first edition of the MSDS).

#### 16.2. Abbreviations and acronyms

ADN / ADNRR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

#### 16.3. Key literature references and sources for data

No data available.

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

#### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### 16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

#### 16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.