

Safety Data Sheet

1-Product / Company Identification

- 1.1 Trade Name:** **BAC 1601**
- 1.2 Product use:** Detergent disinfectant and algicide. Disinfection of surfaces and equipment. Application by a specialist.
- 1.3 Company:** **Compañía de Detergentes Institucionales del Vallés, S.L.**
C/ Cementiri nou, 5, Naves B-C. Polígono Industrial Can Clapés
08181 SENTMENAT (BARCELONA)
Telephone: 93 715 08 08 FAX: 93 715 08 86
E-mail: comercial@cdivalles.com
- 1.4 Emergency Telephone number: 937 150 808**

2-Hazard Identification

Hazards for people: Preparation corrosive by contact with the skin.
Hazards for the environment: Soil alkalinisation.

3-Composition / Information on ingredients

Conc.	Component	Nº CAS/EC/EINECS	Symbols and risk phrases
6,9%	DDCA	7173-51-5/230-525-2	C,N; R10,22,34,50,67 H301,H314,H400,H336
5-15%	2-aminoethanol		C; R20/21/22,34
5-15%	non ionic surfactants		

4-First Aid

- 4.1 Skin contact:** Wash your skin with plenty of water and soap, without rubbing.
- 4.2 Eye contact:** Wash thoroughly with water, at least 15 minutes.
- 4.3 Ingestion:** Do not provoke vomiting. Keep the patient at rest. Keep body temperature. Check breathing. If necessary, artificial respiration. . In case of fainting do not give the victim anything to swallow, lie the victim down on one side with the head inclined and provide warm cover. Move to hospital, and whenever possible, take the container or label. Do not leave the intoxicated in any case.
- 4.4 Inhalation:** Breathe fresh air.

In any case, remove the victim from the source of contamination or contaminated environment, remove contaminated clothing and consult a physician if the adverse symptoms persist.

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5-Fire extinguishing measures

- 5.1 **Appropriate fire extinguishing measures:** Water spray, sand, foam, dry chemical powder.
- 5.2 **Inappropriate fire extinguishing measures:** Do not use water hose.
- 5.3 **Hazardous combustion products:** Large fires can produce carbon monoxide and dioxide fumes, in addition to other unidentified toxic gases.
- 5.4 **Protection for firemen:** Normal fire protections.

In case of fire, cut off the supply of product and keep containers away from the source of fire.

6-Accidental spill measures

- 6.1 **Personal precautions:** Keep away from sources of ignition as well as from food substances, beverages and animal foods. Do not clean spills without wearing the appropriate protective clothing and breathing equipment (see Section 8).
- 6.2 **Environmental protection measures:** Do not allow the product to reach public drains, surface or underground waters.
- 6.3 **Cleaning methods:** Use sand to prevent large spills from spreading. Absorb spills using sand, diatomaceous soils, expanded mica or any other suitable absorbent.
- 6.4 **Additional information:** The product contains surface-active agents and can therefore, generate oily layers, especially in combination with water. In any case, mark the area and notify the authorities.

7-Handling and storage

- 7.1 **Handling:** Take measures to prevent contact with the eyes and skin.
- 7.2 **Storage:** Avoid extreme temperatures. Store in stainless steel or plastic containers away from acid products. Observe current legislation regarding the storage of chemical products and hazardous substances.

8-Exposure controls / Personal protection

- 8.1 **Exposure limits:** None described established for the preparation.
Limit exposition aminoetanol TLV-TWA: 3 ppm; TLV-STEL: 6 ppm.
- 8.2 **Personal protection:** The use of alkali-resistant protective gloves and goggles is required.

In any case, immediately remove contaminated clothing and wash hands at the end of work. All personal protection equipment must be standardised, meet current health and hygiene regulations, and be in good condition, with personnel suitably trained in the use of the protection equipment supplied.

9-Physical and chemical properties

- Appearance: Clear liquid.
- Colour: Light yellow.
- Density: 1,041 – 1,071 g/mL.
- pH, 1% in water: 11,15 – 12,65.

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10-Stability and reactivity

- 10.1 Thermal decomposition:** Stable under 50°C.
10.2 Hazardous products of thermal decomposition: Don't expect.
10.3 Conditions to avoid: Extreme temperatures..
10.4 Materials to avoid: Products that react with water. .

11-Toxicological Information

DDCA:

Oral Acute Toxicity: DL₅₀ (OECD TG 401): 238 mg/kg (rat)

Dermic Acute Toxicity: DL₅₀ 3342 mg/kg (rabbit)

2-aminethanol:

Oral Acute Toxicity: DL₅₀ : 1720 mg/kg (rat)

Dermic Acute Toxicity: DL₅₀ 1018 mg/kg (rabbit)

Tensioactivos no iónicos:

Oral Acute Toxicity: DL₅₀: >2000 mg/kg (rat)

12-Ecological Information

DDCA:

Fish Toxicity: CL₅₀: 0,19 mg/l (Pimephales promelas1)

Daphnia Toxicity: CE₅₀ 0.062 mg/l (Daphnia magna)

Bacteria Toxicity: CE₅₀: 11 mg/l

2-aminethanol:

Fish Toxicity: CL₅₀ (96 h): 150 mg/l (Oncorhynchus mykiss)

Daphnia Toxicity: CE₅₀ (24 h) 140 mg/l (Daphnia magna)

Non – ionic surfactants:

Fish Toxicity: CL₅₀ (96 h): >1mg/l

Daphnia Toxicity: CE₅₀ (48 h) >1mg/l (Daphnia magna)

Algae Toxicity: CE₅₀: (72 h) >1mg/l

The components of this product meet the biodegradable criteria of EC Regulation 648/2004 of the European Parliament and Council on detergents.

13-Disposal Considerations

Not to be mixed with other waste materials. Dispose of according to current legislation.

14-Transport Information

ADR/RID:

UN 1719 Caustic alkaline liquid, n.o.s.(Amonium quaternary) Class:8 Hazard No.:80

Labels: 8 P.G.: II

IMDG:

UN 1719 F-A S-B Cat. A

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15-Regulatory Information

Hazard symbol: C; corrosive.

Risk phrases:

R34 Causes burns.

R50 Very toxic to aquatic organisms.

Safety phrases: Do not swallow.

S2 Keep out of the reach of children.

S13 Keep away from food substances, beverages and animal foods

S26 En caso de contacto con los ojos, lávese inmediata y abundantemente con agua y acúdase a un médico. case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

S60 This material and its container must be disposed of as a hazardous waste. S36/37/39 Úsense indumentaria y guantes adecuados y protección para los ojos/la cara.

16-Other information

HEALTH REGISTRATIONS:

R.D.G.S.P.: 08-20/40-05114, 08-20/40-05114 HA

R.O.E.S.P.: B-0191-E

The data and applications described herein are based on the state of our knowledge at the time of preparing this information and are given without any assumption of liability for our part. Therefore, the information must not be interpreted as a guarantee of any specific property. Compliance with legal dispositions, as well as the use and application of the product is the buyer's responsibility. This safety data sheet complements but does not replace the technical data sheets. The information provided on this safety data sheet has been prepared in accordance with:

EC REGULATION N° 1907/2006 of the European Parliament and Council of 31 March 2004 of 18 December 2006, on Registration, Evaluation, Authorisation and Restriction of Chemical substances (REACH).

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