



SECURITY DATA SHEET

Follow european reglament N° 453/2010
Dental use

Publish date: 06/07/2015
Revision date: 03/07/2015
Revisión number: 5

ACIDO JUMBO BESTDENT / ETCHING GEL

SECTION 1. IDENTIFICATION OF SUBSTANCE/PRODUCT AND COMPANY

1.1 Product identification

Product name: ACIDO JUMBO BESTDENT
PRODUCT Description: dental etcher. Phosphoric acid for profesional use.

1.2 Uses pertinents identified of the substance or mixture and non pertinent uses

Identification main use: Phosphoric acid solution for profesional dental use.

1.3 Supplier details of file

Manufacturer:
J.RIPOLL S.L.
C/RIO TIETAR N°20
POLIGONO EL NOGAL
ALGETE (MADRID)
SPAIN

Dealer:
PROCLINIC.
C/PALERMO 9

ZARAGOZA
SPAIN
Email: info@proclinic.es
Emergency phone: +34 932649666

1.4 Emergency phone

Emergency phone: +34 932649666

SECTION 2. DANGERS IDENTIFICATION

2.1 Clasification of substance or mixture

Clasification as Directive 1999/45/EC

The mixture has been evaluated for phisical, health and enviromental risques and apply the following classification.

Danger Symbol: C
phrases R: R34

Clasification as Reglament CE N°1272/2008 (CPL) health:
skin Corrosive, Category 1B

2.2 label elements

Contains phosphoric acid. Considered as dangerous by standards of OSHA (29 CFR 1819.1200) dangers communication

Clasification as Directive 1999/45/EC
dangers Pictograms:



C- Corrosive

phrases R and S: R34: causes burns



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Clasification as Reglament CE N°1272/2008 (CPL)

Danger pictograms:



Corrosive

Warning word: danger

Danger phrases:

H314: Causes eyes and skin burns serious

Prudence advises

Prevention: **P280:** Wear gloves/clothes/glasses/ prorection mask

Answer:

P305+351+338: IN CASE OF EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. continue rinsing.

P302+352: IN CASE OF SKIN CONTACT: wash with water and soap abundant.

P332+313: In case of skin irritation: ask for medical advice

P301: IF SWALLOWED:

P331: DO NOT CAUSE
THREW UP

Store:

P273: Avoid to free in the envoriment

Dispose:

P501: Dispose the container following local regulations
(EC1975L0442- 20/11/2003)

2.3 Other dangers

Immediate aspects: Corrosive. Causes eye burns and definitive harms in tissues

SECTION 3. COMPOSITION / INFORMATION OF COMPONENTS

3.1 Substances

No applicable

3.2 Mixtures



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Chemical name	CAS	EINECS	Content %	Clasification as directive 67/548/EEC	Clasification as Reglament (EC) No 1272/2008 CLP
Phosphoric acid	7664-38-2	231-633-2	< 45	C; R34	Corr. skin, Cat. 1B; H314

complet text of phrases R is in section 16

SECTION 4. FIRST AIDS

4.1 Description of first aids

Eye contact: Flush eyes immediately with plenty of water . After the initial cleaning, remove any contact lenses and continue flushing with water for at least 15 minutes. Examine the eyes and treat yourself by medical personnel

Skin contact: wash with wáter and soap sthe skin. Get medical attention if the irritation persist.

Ingestion: if swallowed, rinse the mouth with wáter, do not cause throw out. Give the patient a glass of water or milk. Ask soon for medical help or intoxication center. Never try to swallow anything to a person who lost consciousness.

Inhalation: No specific treatment required. No danger for inhalation. Neither against exposure to dust or gas. Anyway bring the patinet to a well ventilated area and get medical help if appears syptoms

4.2 Main syntoms and acute and retards effects

Eyes: Causes burns

Skin: Corrosive, causes skin burns

Ingestion: Harmful by ingestion

Inhalation: Should be no effect

4.3 Indication of medical aid and special treatments to be given

Notes for doctor: Corrosive

SECTION 5. MEASURES AGAINST FIRE

5.1 fire Extinguishing

Fire estinguishing: See section 6.3

5.2 Specific dangers derivated From substance or mixture

Products with danger combustion: No determinated



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Explosion hazard: No determinated
Explosion of fire: No determinated
Sensitive to static discharge: No determinated
Sensitive against impacts: No determinated

5.3 Recomendations for firemen

Procedure against fire: regular: ETake out all staff, use personal protective equipment. Use self breathing equipment.

Equipment to use: Non- combustible

SECTION 6. MEASURES IN CASE OF ACCIDENTAL WASTE

6.1 Precautions individual, protection equipment and emergency procedures

Equipment for special protection: See section 8

6.2 Precautions relative to enviroment

Waste in water: Do not allow the product enter in waste system that arrive rivers

6.3 Métods and materials to content ans clean

Small waste: Clean wastes inmediately folowing precautions said in protective equipments

Large waste: Absorb with inert material, wet and non combustible, after clean with water.

6.4 Referencies to other sections

Referency to other sections: No applicable

SECTION 7. HANDLING ANS STORAGE

7.1 Precautions for safe handling

General procedures: EAvoid eye, skin and clothes contact.

Handling: Use adecuate equipment

Storage: Refer to product label

7.2 Conditions for safe storage, including incompatibilities

Useful lifel: see label

7.3 Spedific end uses

Specific end uses: Profesional dental etching

SECTION 8. CONTROLS OF PERSONAL PROTECTION

8.1 Parámetros of control

Parámetros of control: No determinated

8.2 Controls for exposure



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Eye face protection: Use eye protections
Skin protection: Use adequate clothes and gloves
Respiratory system protection: A well ventilation should be enough

SECTION 9. CHEMICAL AND PHISICAL PROPERTIES

9.1 Information of basics properties

Physical state: Gel
Color: blue or green
Odor: odorless
Ph: < 1
Solubility in water: Partially soluble

9.2 Adicional Information

Volatil Percentage: No determinated

SECTION 10. ESTABILITY AND REACTIVITY

10.1 Reactivity:

Reactivity: stable

10.2 chemical stability

Chemical stability: stable if stored as recommended

10.3 Posibility of danger reactions

Polimerization danger: No

10.4 Conditions to avoid

Conditions to avoid: strong alkalis, kigt temperaturas, metals and wet air

10.5 non compatibilities materials

Materiales non compatibles: Cáustics strongs and most metals.

10.6 dangers decomposition materials

Danger decomposition materials: Fosfina, Oxids phosphors, hydrogen gas

Additional Information: Reacts with bases to form phosphate salts and is corrosive (especially when hot) to many metals and alloys. Releases explosive hydrogen gas when reacted with chlorides and stainless steel; reacts violently with sodium tetrahydroborate . Create flammable gases with sulfides , mercaptans , cyanides and aldehydes. It also creates toxic gases with cyanides , sulfides , fluorides , organic peroxides and halogenated organic materials .



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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information about toxic effects

Acute

notes: The product is a strong acid and is extremely toxic. It should be used only as the PPE (personal protective equipment) and indicated only by dental professional..

SECTION 12. ENVIROMENT INFORMATION

12.1 Toxicity

Toxicity: No determinated

Toxicidad acuática (acute)

LC50 – 96 horas: No determinated

EC50 – 48 horas: No determinated

EC50 – 96 horas: No determinated

12.2 Persistency and biodegradability

Persistency and biodegradabilidad: No determinated

12.3 Bioaccumulation

Potencial of bioacumulacion: No determinated

12.4 Movility in soil

Movility in soil: No determinated

12.5 Results of evaluation PBT and mPmB

Results of evaluation PBT and mPmB: No determinated

12.6 Other side effects

enviromental details: No efinad

SECTION 13. CONSIDERATIONS RELATIVE TO WASTE

13.1 Métods for waste treatment

Waste method: Ewaste following local regulations (EC 1975L0442-20/11/2003).

SECTION 14. INFORMATION RELATIVE THE TRANSPORT

14.1 Número ONU

Número ONU: UN1760

14.2 Designation official for transport as United Nations

Designation official for transport as United Nations: Corrosive liquid, NOS (mixture of phosphoric acid)

14.3 Clas(s) of danger for transport

Clas/Division of main danger: 8



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Danger Clasification: 8

14.4 packaging group

Packaging Group: III

14.5 enviroments danger

Sea Contaminant #1: No aplicable

14.6 special precaucionesfor users

ADR- Carretera: No aplicable
RID- Ferrocarril: No aplicable
IMDG – Marítimo: No aplicable
IATA - Aereo: No aplicable

14.7 bulk transport as annexo II of Agreement Marpol 73/78 and Codigo IBC

Bulk transport: No aplicable

SECTION 15. INFORMATION REGLAMENTARY

15.1 Reglamentation and legislation in safety, health and enviromental, specific for the substance or mixture

RoHS: See Directive relative medical devices 93/42/ECC. Class IIa.

15.2 Evaluation of chemical safety

Evaluation of chemical safety: See SECTION 11

SECTION 16. OTHER INFORMATION PHrases

R and/or H (número and complet text)

R34: Causes serious burns. Skin
Cat 1B, Corrosive
H314: causes serious burns in eyes and skin

Made by: José Ignacio Ripoll.

INFORMATION general: NA=No aplicable

Discharge of manufacturer responsibility:

DENTAL USE ONLY : Use as directed. The Informations and recommendations from sources (the safety data sheet for raw materials and manufacturer's knowledge) believed to be accurate ; however, S.L. J.Ripoll .. does not guarantee the accuracy of these Informations or the suitability of the recommendations, and assumes no liability for any damage caused . The user should review these recommendations in the specific context of the intended use and determine whether they are appropriate