

5 D 5 InstruGen



Version:	Date:	Changes:
2.5	19th June 2008	Physical and chemical properties reworked
2.4	12th March 2004	Conformity with Guideline 2001/58/EC, EmS-Coding Scheme, Section 1 Ingredient-, Composition- and Company-Information revised, revision control
2.3	09th March 2004	last version without declaration of changes

5.1 Ingredient-, Composition- and Company-Information

5.1.1 Product name

D 5 InstruGen

5.1.2 Product usage description

InstruGen is a concentrated powder product for the disinfection and cleaning of dentures in dental laboratories.

5.1.3 Company name

ad-Arztbedarf GmbH, Gottlieb-Daimler-Str. 15, D – 50226 Frechen

5.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

5.2 Composition/information on ingredients

Characterization: Powdery mixture of peroxides plus activator, complexing agents, detergents and perfumes.

Hazardous Ingredients	Concentration	Cas-No.	Danger symbol	R-Phrase
Perborat	> 25	10486 – 00 – 7	Xi	R 36, 38

5.3 Possible Hazards

Indication: Eye irritation and eventually skin irritation. Oxidating effect on some materials.

5.4 First – Aid Measures

After contact with eyes: Wash with water. Contact a physician immediately.
 After contact with skin: Flush with water, wash with soap. Remove contaminated clothing.
 After ingestion: Rinse mouth thoroughly and drink copious amounts of water and contact physician.

5.5 Fire fighting measures

Suitable extinguishing media : Water, foam, dry media, Carbon Dioxide
 Hazardous Combustion Products: Carbondioxide, Oxygen

5.6 Measures on accidental or unintentional release

Personal precaution: Wear protective equipment for eyes and skin.
 Environment precaution: Prevent from penetrating into the ground.
 Methods for decontamination: Pick up with suitable media and dispose off carefully.

5.7 Handling and storage

Handling: Store tightly closed.
 Conditions of storage: Store in cool and ventilated area. Keep away from food.

5.8 Explosion delimitation and personal protection

Technical protection: None (according to most recent knowledge).
 Eye and skin protection: Wear protective equipment for eyes and skin.
 General measures: The usual precautions for the handling of chemicals must be observed.

5.9 Physical and chemical properties

Shape: Powder Colour: White-yellowish Odour: typical

Safety-relevant data:

Solidification range:	n.a.	Solubility in water:	fully miscible
Boiling point:	ca. 95 ⁰ C	Viscosity at 20 ⁰ C:	unknown
Flash point:	n.a.	pH-Value at 20 ⁰ C:	10 g/L ca. 9,5
Vapor pressure at 50 ⁰ C:	not relevant	Lower Explosion Limit (% by Volume):	n.a.
Specific weight of Powder:	ca. 0,8 g/cm ³	Upper Explosion Limit: (% by Volume)	n.a.

5.10 Stability and reactivity

Hazardous reactions: Unknown (according to most recent knowledge)

5.11 Toxicity

Oral LD₅₀: About 2500 mg / kg in rats (calculated).

5.12 Ecological information

Moderate to eliminate. The product contains biodegradable substances.

5.13 Disposal considerations

According to the national procedures.

5.14 Transportation information

D 5 InstruGen is not classified as a dangerous good.

5.15 Labeling information

S – Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 After contact with skin wash immediately with plenty of water.

Water hazard class: 1 (self classification)

5.16 Other information

CE–certified medical product.

The information contained herein is based on the present state of our knowledge. There is no further warranty with regard to any product properties or any existing contract today or in the future. This European Union safety data sheet represents a legally mandatory document. It may be neither be shortened, amended nor completed in any way. The use is permitted only in its original form. The copyright 1999 - 2005 is with ad-Arztbedarf GmbH, Frechen, Germany. Comments, questions or corrections are welcome, please send them via email to <mailto:service@ad-arztbedarf.de>.