

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 09/10/2013

Reviewed on 09/10/2013

* 1 Product and Company Identification

- **Product identifier**
- **Trade name: Para Urinal and wall block**
- **Article number:** 7009, 7011
- **CAS Number:**
106-46-7
- **EC number:**
203-400-5
- **Index number:**
602-035-00-2
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Product description** Toilet bowl deodorizer
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Janico, Inc. www.janicoinc.com
687 Prospect St.
Unit 480
Lakewood, NJ 08701
Phone: (732) 370-2223
Fax: (732) 370-2230
- **Emergency telephone number:**
Saul Siegman
Mobile: (718) 413-8994
Saul@janicoinc.com

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

H351 Suspected of causing cancer.



GHS09 Environment

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.



GHS07

H319 Causes serious eye irritation.

- **Additional information:**

When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazard. However, abnormal entry routes, such as gross ingestion, may require immediate medical attention.

- **Label elements**

- **GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

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• **Hazard pictograms**



GHS07 GHS08 GHS09

• **Signal word** Warning

• **Hazard-determining components of labeling:**

1,4-dichlorobenzene

• **Hazard statements**

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

• **Precautionary statements**

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P273 Avoid release to the environment.

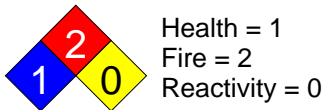
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Classification system:**

• **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

• **HMS-ratings (scale 0 - 4)**

HEALTH	1	Health = *1
FIRE	2	Fire = 2
REACTIVITY	0	Reactivity = 0

• **Other hazards**

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

* 3 Composition/information on ingredients

• **Chemical characterization: Substances**

• **CAS No. Description**

106-46-7 1,4-dichlorobenzene

• **Identification number(s)**

• **EC number:** 203-400-5

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- **Index number:** 602-035-00-2

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Give large amounts of water. If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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• **Control parameters**

• **Components with limit values that require monitoring at the workplace:**

106-46-7 1,4-dichlorobenzene

PEL	Long-term value: 450 mg/m ³ , 75 ppm
REL	See Pocket Guide App. A
TLV	Long-term value: 60 mg/m ³ , 10 ppm

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

• **Breathing equipment:** Not required.

• **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**



Tightly sealed goggles

* 9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

Form:

Solid

Color:

Blue (Content of CAS No.15782-05-5: 0%)3844-45-9

Red (Content of CAS No. 3844-45-9: 0%)

• **Odor:**

Characteristic

Mothball like

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- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
 - Melting point/Melting range:** 54 °C (129 °F)
 - Boiling point/Boiling range:** 175 °C (347 °F)
- **Flash point:** 66 °C (151 °F)
- **Flammability (solid, gaseous):** Product is not flammable.
- **Ignition temperature:** 640 °C (1184 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** 2.2 Vol %
 - Upper:** 12 Vol %
- **Vapor pressure @ 20 °C (68 °F):** 1.7 hPa (1 mm Hg)
- **Density @ 20 °C (68 °F):** 1.2410 g/cm³ (10.356 lbs/gal)
- **Relative density** Not determined.
- **Vapour density @ 20 °C (68 °F)** 5.08 g/cm³ (42.393 lbs/gal)
- **Evaporation rate** Negligible
- **Solubility in / Miscibility with**
 - Water @ 20 °C (68 °F):** 0.1 g/l
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not applicable.
 - Kinematic:** Not applicable.
 - Organic solvents:** 0.0 %
 - Solids content:** 99.9 %
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

106-46-7 1,4-dichlorobenzene

Oral	LD50	500 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

106-46-7	1,4-dichlorobenzene	2B
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- **NTP (National Toxicology Program)**

106-46-7	1,4-dichlorobenzene	R
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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Assessment by list): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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* 14 Transport information

· UN-Number	UN2811
· DOT, ADR, IATA	UN2811
· IMDG	Not Regulated
· UN proper shipping name	Toxic solids, organic, n.o.s.
· DOT	UN2811 Toxic solids, organic, n.o.s., ENVIRONMENTALLY HAZARDOUS
· ADR	TOXIC SOLID, ORGANIC, N.O.S. (1,4-dichlorobenzene), MARINE POLLUTANT
· IMDG	TOXIC SOLID, ORGANIC, N.O.S.
· IATA	
· Transport hazard class(es)	
· DOT	
· Class	6
· Label	6.1

· **ADR**



· Class	6.1 Toxic substances
· Label	6.1

· **IMDG, IATA**



· Class	9 Miscellaneous dangerous substances and articles.
· Label	9
· Packing group	III
· DOT, ADR, IMDG, IATA	Product contains environmentally hazardous substances: 1,4-dichlorobenzene
· Environmental hazards:	Yes
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Toxic substances
· EMS Number:	F-A,S-F
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	UN2811, Toxic solids, organic, n.o.s., ENVIRONMENTALLY HAZARDOUS, 6.1, III

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

Substance is not listed.

- **Section 313 (Specific toxic chemical listings):**

Substance is listed.

- **TSCA (Toxic Substances Control Act):**

Substance is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

Substance is listed.

- **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

- **Chemicals known to cause developmental toxicity:**

Substance is not listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

Substance is not listed.

- **TLV (Threshold Limit Value established by ACGIH)**

106-46-7 | 1,4-dichlorobenzene

A3

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

- **GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07 GHS08 GHS09

- **Signal word** Warning

- **Hazard-determining components of labeling:**

1,4-dichlorobenzene

- **Hazard statements**

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

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H410 Very toxic to aquatic life with long lasting effects.

• **Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

Substance is not listed.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

• * **Data compared to the previous version altered.**

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