

Crew Neutral Toilet Bowl Cleaner**1. Identification of the substance/preparation and of the company/undertaking**

Product name : Crew Neutral Toilet Bowl Cleaner
Supplier : JohnsonDiversey Asia Pacific
 83 Clemenceau Avenue, #15-03/04 UE Square
 Singapore 239920
Telephone No.: : (65) 6733 2272
Product Use : Industrial/Institutional: Disinfectant.

2. Composition/information on ingredients

Substance/Preparation : Preparation

Chemical name*	CAS No.	%	EC Number	Classification
Europe Isopropyl Alcohol See Section 16 for the full text of the R Phrases declared above	67-63-0	1-5	200-661-7	F; R11 Xi; R36 R67

* Occupational Exposure Limit(s), if available, are listed in section 8

Detergent/Cleaner Labelling : Not applicable.
 (89/542/EEC)

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

4. First aid measuresFirst-Aid measures

Inhalation : No specific first aid measures are required.
Ingestion : No specific first aid measures are required.
Skin Contact : Immediately wash off with plenty of water. If irritation develops, get medical attention.
Eye Contact : Immediately wash out with water. If irritation develops, get medical attention.

5. Fire-fighting measures

Extinguishing Media : Dry chemical, water spray, foam, carbon dioxide.
Special fire-fighting procedures : None known.
Unusual fire/explosion hazards : None known.

6. Accidental release measures

Personal precautions : Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods : In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with inert absorbing material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	: Avoid contact with skin and eyes.
Storage	: Store in a dry, cool and well-ventilated area. Keep away from heat. Protect from freezing. Keep out of the reach of children. For Professional use only.

8. Exposure controls/personal protection

When handling product as supplied:

Engineering Controls : No special ventilation requirements. General room ventilation is adequate.

Ingredient Name

Occupational Exposure Limits

Europe

Isopropyl Alcohol

ACGIH (United States).

TWA: 983 mg/m³

STEL: 1230 mg/m³

ACGIH TLV (United States, 2003). Notes: Refers to Appendix A --

Carcinogens. ACGIH 2003 Adoption

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

Personal protective equipment

Respiratory system : No specific personal protection equipment is required.

Skin and body : No specific personal protection equipment is required.

Hands : No specific personal protection equipment is required.

Eyes : Safety glasses recommended.

Information should be confirmed by workplace assessment.

9. Physical and chemical properties

Physical state	: Liquid.
Color	: Clear Blue.
Odor	: Powder.
pH	: 6.5 to 7.5 [Neutral.]
Boiling Point	: >93°C (199.4°F)
Melting Point	: <0°C (32°F)
Flash point	: Closed cup: 61°C (141.8°F).
Specific Gravity	: 1
Solubility	: Not available.
Viscosity	: Not available.

10. Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: None known.
Hazardous Reactions	: None known.
Hazardous Decomposition Products	: When exposed to fire: Produces normal products of combustion.

11. Toxicological information

Acute toxicity : LD₅₀ estimated to be > 2000 mg/kg.

Effects and symptoms

Skin Contact : May be mildly irritating to skin.

Eye Contact : May be mildly irritating to eyes.

Inhalation : None known.

Ingestion : None known.

Crew Neutral Toilet Bowl Cleaner

Chronic toxicity : None known.

12. Ecological information

Environmental Hazards : When used for its intended purpose this product should not cause adverse effects in the environment.
: Not available.

13. Disposal considerations

Methods of disposal : Disposal according to the local legislation.
European Waste Catalogue (EWC) : Not available.
Hazardous Waste : To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.

14. Transport information

International transport regulations

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

15. Regulatory information

EU Regulations

Risk Phrases : This product is not classified according to the EU regulations.
Additional Warning Phrases : Safety Data Sheet available for professional user on request.

16. Other information

Full text of R phrases referred to in Sections 2 and 3 - Europe : R11- Highly flammable.
R36- Irritating to eyes.
R67- Vapors may cause drowsiness and dizziness.

Full text of classifications referred to in Sections 2 and 3 - Europe : F - Highly flammable
Xi - Irritant

MSDS code : Not available.
Formula code : 114568001

HISTORY

Date of printing : 02 February 2004
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Notice to Reader This update concerns a re-issue related to the introduction of 99/45/EC and 2001/58/EC, and the 28th ATP of 76/768/EEC. In view of the large number of changes the individual revisions have not been indicated in this new version.

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of issue and covers applications when used as directed.

Crew Neutral Toilet Bowl Cleaner

Version 1

Page: 4/4