

Crew Neutral Toilet Bowl Cleaner

Version Number: 1

Preparation date: 2004-12-10

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: Crew Neutral Toilet Bowl Cleaner
MSDS #: 114568001
Product code: 04996, 04997, 114568001
Recommended use: Industrial/Institutional. Disinfectant.

Manufacturer, importer, supplier

Asia Pacific Headquarters
JohnsonDiversey Asia Pacific
83 Clemenceau Avenue, #15-03/04 UE
Square
Singapore 239920

Global Headquarters
JohnsonDiversey, Inc.
8310 16th Street
Sturtevant, WI 53177
U.S.A.

Emergency telephone number: (65) 6733 2272 (Singapore)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Preparation

CHEMICAL COMPOSITION

Ingredient	CAS #	Weight %	EC Number	Classification
Propan-2-ol	67-63-0	1-5%	2006617	F;R11 R67 Xi;R36

* TS=Trade Secret

For the full text of the R phrases mentioned in this Section, see Section 16. Occupational Exposure Limit(s), if available, are listed in Section 8.

3. HAZARDS IDENTIFICATION

The product is non-dangerous in accordance with Directive 1999/45/EC.

Risk Phrases:

Safety data sheet available for professional user on request.

4. FIRST AID MEASURES

Eye contact: Immediately wash out with water. If irritation develops get medical attention.
Skin contact: Immediately wash off with plenty of water. If irritation develops get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: No specific first aid measures are required.
Aggravated Medical Conditions: None known

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide
Specific hazards: None known
Unusual hazards: None known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.)
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. 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: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.
Storage: Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Keep out of the reach of children.

Restricted to professional users

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Personal protective equipment

Eye protection: Safety glasses.
Hand protection: No special protective equipment required.
Skin and body protection: No special protective equipment required.
Respiratory protection: No special protective equipment required.

Ingredient	ACGIH	Europe	Australia	China	Hong Kong
Propan-2-ol	400 ppm (STEL) 200 ppm (TWA)		983 mg/m ³ (TWA) 1230 mg/m ³ (STEL)	700 mg/m ³ (STEL) 350 mg/m ³ (TWA)	983 mg/m ³ (TWA) 1230 mg/m ³ (STEL)

Ingredient	India	Indonesia	Korea	Malaysia	New Zealand
Propan-2-ol		983 mg/m ³ (TWA) 1230 mg/m ³ (STEL)	980 mg/m ³ (TWA) 1225 mg/m ³ (STEL)	983 mg/m ³ (TWA)	983 mg/m ³ (TWA) 1230 mg/m ³ (STEL)

Ingredient	Philippines	Singapore	Taiwan	Thailand
Propan-2-ol	980 mg/m ³ (TWA)	983 mg/m ³ (TWA) 1230 mg/m ³ (STEL)	983 mg/m ³ (TWA)	

Information should be confirmed by workplace assessment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Specific Gravity:	1
Odour:	Powder	Density:	No information available
Color:	Clear Blue	Viscosity:	No information available
pH:	6.5 to 7.5	Solubility:	No information available
Dilution pH:	No information available	VOC:	No information available
Flash point:	61 (°C)	Boiling point/range:	>93 (°C)
Melting point/range:	<0 (°C)		

10. STABILITY AND REACTIVITY

Stability: Yes.
Polymerization: No.
Hazardous decomposition products: None known
Conditions to avoid: None known

11. TOXICOLOGICAL INFORMATION

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

Local effects

Skin contact: May be mildly irritating to skin.
Eye contact: May be mildly irritating to eyes.
Inhalation: None known.
Ingestion: None known.
Chronic toxicity: None known

Specific effects None known

Information given is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of in accordance with local regulations
Further information: 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/ID No	Proper shipping name	Class	Packing group
IMO:	-	Not classified as dangerous in the meaning of transport regulations	-	-
ICAO/IATA	-	Not classified as dangerous in the meaning of transport regulations	-	-

Additional Information: Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

15. REGULATORY INFORMATION

Indication of danger:
Not dangerous goods

Risk Phrases:

Additional Warning Phrases:
Safety data sheet available for professional user on request

International Inventories

All components of this product are listed on the following inventories: Australia (AICS), U.S.A. (TSCA), Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP).

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

Crew Neutral Toilet Bowl Cleaner

SAFETY DATA SHEET

- R11 - Highly flammable.
- R67 - Vapours may cause drowsiness and dizziness.
- R36 - Irritating to eyes.

Reason for revision:	Not applicable
Formula Code:	114568001
GPS Clearance Reference:	NA
Prepared By:	Corporate Product Responsibility

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

End of Safety Data Sheet

JWP
TBD