

MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS # 126000004

WINDEX® - BLUE

Date Issued: 07Oct1997

Supersedes: 29Jun1995

US MANUFACTURER:
S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (800) 799-6009

CANADIAN MANUFACTURER:
S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (800) 799-6009

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	0	Health	0	S.C. Johnson and Son, Limited
3-High	2	Flammability	2	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

----- SECTION 1 - PRODUCT IDENTIFICATION -----

PRODUCT NAME..... WINDEX® - BLUE
REASON FOR CHANGE..... Section 5.
PRODUCT USE..... Cleaning product

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
59200 00789	789	12		950 mL
59200 00772	20772	12		950 mL
59200 00770	770	12		650 mL
59200 00769	769	12		355 mL
59200 00738	738	6		2 LT
59200 00672	672	4		5 LT
59200 10672	10672	6		5 LT
19800 08521	10672	12	32 oz	
19800 08522	10672	4	160 oz	

----- SECTION 2 - INGREDIENT INFORMATION -----

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Ethylene glycol n-hexyl ether (CAS# 112-25-4)	0.1-1.0	20 ppm TWA (SUPPLIER RECOMMENDED)
2-Butoxyethanol (CAS# 111-76-2)	0.5-1.5	25 ppm ACGIH/OSHA TWA (SKIN)
Isopropanol (CAS# 67-63-0)	1-5	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL
Water (CAS# 7732-18-5)	90-95	NOT ESTABLISHED

----- SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11) -----

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Moderate eye irritation.
SKIN..... Prolonged or repeated contact may cause: Mild skin irritation.
Drying/defatting of skin.
INHALATION..... None known.
INGESTION..... None known.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE

WINDEX® - BLUE

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----- SECTION 4 - FIRST AID MEASURES -----

EYE CONTACT..... Flush immediately with water for 20 minutes. If irritation persists, get medical attention.
 SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention.
 INHALATION..... Remove to fresh air.
 INGESTION..... Immediately drink 1-2 glasses of water or milk. Do not administer anything by mouth to an unconscious person. Do not induce vomiting! Seek immediate medical attention.

----- SECTION 5 - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT..... 124°F (51°C) (TCC)
 FLAMMABLE LIMITS..... Not available.
 AUTOIGNITION..... Not available.
 TEMPERATURE
 EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.
 SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used. Fire fighters should wear self-contained breathing apparatus and protective clothing.
 PROCEDURES
 UNUSUAL FIRE AND..... Container may burst in heat of fire.
 EXPLOSION HAZARDS

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with
 CASE MATERIAL IS oil-dri or similar inert material. Sweep or scrape up and
 RELEASED OR SPILLED containerize.

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... Keep out of reach of children.
 INFORMATION
 OTHER HANDLING AND.... Keep container well closed when not in use.
 STORAGE CONDITIONS

----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
 VENTILATION..... General room ventilation adequate.
 PROTECTIVE GLOVES..... No special requirements under normal use conditions.
 EYE PROTECTION..... No special requirements under normal use conditions.
 OTHER PROTECTIVE..... If major exposure is possible to eyes/skin, wear/use appropriate
 MEASURES protective equipment.

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Blue
 PRODUCT STATE..... Liquid.
 ODOR..... Ammonia-like
 pH..... 10.3-11.3
 SOLUBILITY IN WATER.... Complete
 SPECIFIC GRAVITY..... 0.996
 (H2O=1)
 VAPOR DENSITY (AIR=1).. Same as water.
 EVAPORATION RATE (BUTYL ACETATE=1) Not available.
 VAPOR PRESSURE (mm HG). Same as water.
 BOILING POINT..... Not available.
 FREEZING POINT..... Not available.

MATERIAL SAFETY DATA SHEET

WINDEX® - BLUE

Date Issued: 07Oct1997

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Not available.
COMPOUND (VOC)
THEORETICAL VOC..... Not available.
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. No special requirements.
TO AVOID
INCOMPATIBILITY..... No special requirements.
HAZARDOUS DECOMPOSITION Produces normal products of combustion.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... No special requirements.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

EFFECTS OF CHRONIC..... None known.
EXPOSURE

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... No special method. Observe all applicable Federal/ Provincial/
INFORMATION State regulations and Local/ Municipal ordinances regarding
disposal of non-hazardous materials.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for
up-to-date shipping information.

----- SECTION 15 - REGULATORY INFORMATION -----

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic
Substances Control Act (TSCA) Chemical Substance Inventory.

This product is not subject to the reporting requirements under California's Proposition 65

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Use as directed.
EPA REGISTRATION #..... Not applicable.

MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS # 126000004

WINDEX® - BLUE

Date Issued: 07Oct1997

Supersedes: 29Jun1995

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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 herein. 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.

PRINT DATE: 02Jun1998

MATERIAL SAFETY DATA SHEET

FORMULA # 3311-0

ITEMS USING THIS FORMULA = 3310, 3311, 3316, 3317,

QUICK IDENTIFIER (In Plant Common Name) "THE WORKS" TOILET BOWL CLEANER	CAS NUMBER	MIXTURE
MANUFACTURER'S NAME LIME-O-SOL CO.	FOR EMERGENCY ASSISTANCE, CALL CHEMTREC EMERGENCY TELEPHONE NUMBER NON-EMERGENCY NUMBER	1-800-424-9300 1-800-262-8200
ADDRESS P.O. BOX 395, ST. RD. 4, ASHLEY IN 46705	DATE PREPARED	11-4-97

HEALTH HAZARD DATA

ACUTE OVEREXPOSURE	EYE AND SKIN IRRITANT
CHRONIC OVEREXPOSURE	NONE KNOWN
SYMPTOMS OF EXPOSURE (Routes of Entry) 1. Inhalation - NONE KNOWN 2. Eyes - MAY CAUSE PAIN AND SEVERE IRRITATION 3. Dermal (skin) - MAY CAUSE SLIGHT IRRITATION 4. Ingestion - MAY CAUSE INTERNAL BURNS	
RECOMMENDED FIRST AID TREATMENT EYE CONTACT REQUIRES FLUSHING WITH WATER FOR THIRTY MINUTES. CONTACT A PHYSICIAN. SKIN CONTACT REQUIRES WASHING WITH SOAP AND WATER. IF INGESTED, DO NOT INDUCE VOMITING, BUT GIVE LARGE AMOUNTS OF WATER OR MILK AND TRANSFER TO A MEDICAL FACILITY.	

HAZARDOUS INGREDIENTS

PRINCIPAL COMPONENTS	% RANGE	ACGIH/TLV	OSHA PEL	Other Limits
HYDROCHLORIC ACID	10 - 30	5 PPM	N/A	N/A
H₂O AND OTHER NON-HAZARDOUS COMPONENTS	70- 90	N/A	N/A	N/A

PHYSICAL DATA

BOILING POINT	190°F	LIQUID DENSITY (lbs/gallon)	9.175
VAPOR PRESSURE	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	1.1
SOLUBILITY IN WATER	SOLUBLE	FREEZING POINT	> 32° F
APPEARANCE AND ODOR	LIGHT BLUE LIQUID WITH SLIGHT CITRUS FRAGRANCE		

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) N/A °F _____ °C	AUTO IGNITION TEMPERATURE N/A	FLAMMABLE LIMITS % BY VOLUME LEL N/A UEL _____
Note:		
EXTINGUISHING MEDIA	N/A	
SPECIAL FIRE FIGHTING PROCEDURES	N/A	
UNUSUAL FIRE AND EXPLOSION HAZARD	NONE	

REACTIVITY DATA

STABILITY Stable <input checked="" type="checkbox"/> _____ Unstable _____	CONDITIONS TO AVOID	CONTACT WITH METALS
INCOMPATIBILITY (Materials to avoid)	AVOID CONTACT WITH CORROSIVE MATERIALS AND OTHER HOUSEHOLD CLEANERS	
HAZARDOUS DECOMPOSITION PRODUCTS	NONE KNOWN	
HAZARDOUS POLYMERIZATION May Occur _____ Will Not Occur <input checked="" type="checkbox"/> _____		

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED SMALL QUANTITIES MAY BE FLUSHED WITH WATER OR WIPED UP WITH ABSORBENT. LARGE SPILLS REQUIRE DISPOSAL ACCORDING TO LOCAL ORDINANCE.
WASTE DISPOSAL METHOD DOMESTIC TRASH

SPECIAL PROTECTION INFORMATION

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Will Vary By Use and Conditions)		NONE REQUIRED IF USED AS DIRECTED			
VENTILATION	ADEQUATE	LOCAL	N/A	SPECIAL	N/A
		MECHANICAL (Gen.)	N/A	OTHER	N/A
PROTECTIVE GLOVES RUBBER GLOVES					
EYE PROTECTION SAFETY GLASSES/GOGGLES					
OTHER PROTECTIVE EQUIPMENT RUBBER APRON IF USING LARGE AMOUNTS					

SPECIAL PRECAUTIONS*

SPECIAL LABELING INFORMATION	HMIS rating	H - 2 F - 0 R - 0
SPECIAL HANDLING RECOMMENDATIONS		
AVOID CONTACT WITH EYES AND SKIN		
SPECIAL STORAGE RECOMMENDATIONS		
NA		
SPECIAL PACKAGING RECOMMENDATIONS		
NA		

* Various Government agencies (i.e., Department of Transportation, Occupational Safety and Health Administration, Food and Drug Administration and others) may have specific regulations concerning the transportation, handling, storage or use of this product which may not be contained herein. The customer or user of this product should be familiar with these regulations.



The Clorox Company
7200 Johnson Drive
Pleasanton, California 94588
Phone: 510-847-6100

Material Safety Data Sheet

I Product: CLOROX AUTOMATIC TOILET BOWL CLEANER														
Description: WHITE TABLET WITH CHLORINE ODOR														
Other Designations	Manufacturer	Emergency Telephone Nos.												
	The Clorox Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call Rocky Mountain Poison Center: 1-800-445-1014 For Transportation Emergencies, call Chemtrec: 1-800-424-9300												
II Health Hazard Data	III Hazardous Ingredients													
Direct contact with eyes may cause irreversible damage. Harmful if swallowed. Direct contact with mucous membranes may cause severe irritation or irreversible damage. Severe skin irritant. Prolonged contact with skin may cause irreversible damage.	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Bromochloro-5,5-dimethylhydantoin CAS # 126-06-7</td> <td>50 - 70%</td> <td>Not established.</td> </tr> <tr> <td>1,3-Dichloro-5,5-dimethylhydantoin CAS # 118-52-5</td> <td>20 - 40%</td> <td>0.2 mg/m³ - TLV-TWA^a 0.4 mg/m³ - TLV-STEL^b</td> </tr> <tr> <td>1,3-Dichloro-5-ethyl-5-methylhydantoin CAS # 89415-87-2</td> <td>5 - 20%</td> <td>Not established.</td> </tr> </tbody> </table>		Ingredient	Concentration	Worker Exposure Limit	Bromochloro-5,5-dimethylhydantoin CAS # 126-06-7	50 - 70%	Not established.	1,3-Dichloro-5,5-dimethylhydantoin CAS # 118-52-5	20 - 40%	0.2 mg/m ³ - TLV-TWA ^a 0.4 mg/m ³ - TLV-STEL ^b	1,3-Dichloro-5-ethyl-5-methylhydantoin CAS # 89415-87-2	5 - 20%	Not established.
Ingredient	Concentration	Worker Exposure Limit												
Bromochloro-5,5-dimethylhydantoin CAS # 126-06-7	50 - 70%	Not established.												
1,3-Dichloro-5,5-dimethylhydantoin CAS # 118-52-5	20 - 40%	0.2 mg/m ³ - TLV-TWA ^a 0.4 mg/m ³ - TLV-STEL ^b												
1,3-Dichloro-5-ethyl-5-methylhydantoin CAS # 89415-87-2	5 - 20%	Not established.												
No medical conditions are known to be aggravated by exposure to this product.	<p>*TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average. †TLV-STEL = ACGIH Threshold Limit Value - Short-Term Exposure Limit.</p> <p>None of the materials in this product are on the IARC, CSHA, or NTP carcinogen lists.</p>													
FIRST AID:														
EYE CONTACT: Flush eyes immediately with water for at least 15 minutes; then call a physician.														
INGESTION: Rinse mouth, and drink a glassful of water. Do not induce vomiting. Call a physician.														
SKIN CONTACT: Wash skin immediately with water for 15 minutes; then call a physician.														
INHALATION: Remove to fresh air. If irritation or breathing problems persist, call a physician.														
IV Special Protection and Precautions	V Transportation and Regulatory Data													
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.	DOT Proper Shipping Name: Consumer Commodity ORM-D.													
Engineering Controls: Not normally required if product is used as directed. However, if handling of product produces dust, local exhaust may be necessary.	IMO Proper Shipping Name: Dangerous goods in limited quantities of Class 5.1.													
Personal Protective Equipment: Wear safety glasses or goggles and rubber gloves. Respiratory equipment is not normally required if product is used as directed. However, if handling of product produces dust, respiratory equipment may be necessary.	IATA Proper Shipping Name: Oxidizing solid, n.o.s., Class 5.1, Packing Group II.													
	EPA - SARA Title III/CERCLA: This product is a hazardous chemical reportable under Sections 311/312; contains no chemicals regulated under Section 313; and contains no chemicals which are regulated under Section 304/CERCLA.													
VI Spill Procedures/Waste Disposal	VII Reactivity Data													
Spill Procedures: Wear appropriate protective gear and respiratory protection. Sweep up material and place in a compatible container for disposal. Since material is toxic to fish, do not discharge into lakes, streams, ponds or public water unless in accordance with NPDES permit.	Reacts with other household chemicals such as acid toilet bowl cleaners, rust removers, acids, vinegar, and ammonia-containing products to produce hazardous gases, such as chlorine/bromine and other chlorinated/brominated compounds. Avoid contact with strong alkalis.													
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.	Material is an oxidizer. Avoid contact with readily-oxidizable materials.													
	Stable under normal use and storage conditions.													
VIII Fire and Explosion Data	IX Physical Data													
Not flammable or explosive. Decomposes at 165°C. Do not use ABC-type fire extinguishers with fires involving this product.														

CXAT



Laundry & Cleaning Products Division
 Procter & Gamble
 Sharon Woods Technical Center
 11530 Reed Hartman Highway
 Cincinnati, OH 45241-2422

MATERIAL SAFETY DATA SHEET

Issue Date: 8/95

SECTION I	
Emergency Telephone Number: 1-800-926-9441 or call your Local Poison Control Center	
Identity: COMET DISINFECTANT CLEANSER with CHLORINOL [®] AR (regular and lemon fresh fragrances)	
Ingredients/Chemical Name: Bleach, cleaning agents (calcium carbonate, sodium carbonate, anionic surfactants), quality control agents, perfume, color. Comet Cleanser contains no phosphorus.	

SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION				
OSHA regulated components under, 29 CFR 1910.1200				
<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Limestone (calcium carbonate)	1317-65-3	83.8%	15 mg/m ³ 5 mg/m ³ (respirable dust)	10 mg/m ³
Silica, quartz (naturally occurring component of limestone)	14808-60-7	≤ 1%	0.1 mg/m ³ (respirable dust)	0.1 mg/m ³ (respirable dust)
DOT Classification: Comet Cleanser is not DOT hazardous and is not regulated under the DOT Hazardous Materials Regulations (49 CFR, parts 171-180) which govern the safe transport of hazardous materials.				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point °F: NA.	Specific Gravity (H ₂ O=1): ca. 1
Vapor Pressure (mm Hg): NA.	Percent Volatile by Volume (%): ca. 1
Vapor Density (Air=1): N.A.	Evaporation Rate (nBuOAc=1): N.A.
Solubility in Water: Moderately	Appearance and Odor: Green powder, cedar pine or lemon scent

SECTION IV - FLAMMABILITY AND REACTIVITY			
Flash Point (Method Used): N.A.	Explosive Limits:	LEL: N.A.	UEL: N.A.
Extinguishing Media: Use CO ₂ , water, or dry chemical.			
Special Fire Fighting Procedures: None required.			
Unusual Fire Hazards: None			
Stability	Unstable:	Conditions to Avoid: None	
	Stable: X		
Incompatibility (Materials to Avoid): Ammonia and acids.			
Hazardous Decomposition/By Products: Chlorine gas.			
Hazardous Polymerization:	May Occur:	Conditions to Avoid: None	
	Will Not Occur: X		

SECTION V - HEALTH AND SAFETY DATA

Potential Route(s) of Entry: Skin and eye contact, oral ingestion, inhalation

Potential Health Effects: Mild skin, eye, mucous membrane, and respiratory irritant.

Signs and Symptoms of Exposure:

Skin and eye: Prolonged skin contact or direct contact with eye may result in superficial, temporary irritation similar to those produced by other household detergents.

Ingestion: Oral ingestion may result in gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: No hazards under normal conditions of product use or within the occupational exposure guidelines.

Unusually high exposures may cause coughing or irritation of nose and throat.

Medical Conditions Generally Aggravated By Exposure: Use on irritated or extremely dry skin may aggravate the existing condition.

Emergency and First Aid Procedures: For accidental eye contact, flush thoroughly with water for 15 minutes. For skin irritation, wash with soap and water and discontinue use. For oral ingestion, dilute with fluids and treat symptomatically. For accidental, high level inhalation, remove to fresh air. Get medical attention if coughing persists.

Additional Toxicological Information: Calcium carbonate, an ingredient of this product, contains small amounts of crystalline silica (quartz) as a naturally occurring impurity. Prolonged, excessively high exposures to respirable crystalline silica may result in reduced lung function in some individuals. IARC has found sufficient evidence to classify crystalline silica as a carcinogen in animals, but there is limited evidence in humans.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions To Be Taken in Handling and Storing: Avoid moisture when storing to prevent loss of bleaching action and to prevent caking.

Other Precautions: None required.

Steps To Be Taken in Case Material is Released or Spilled: Vacuum to remove spill and place in container for disposal or flush with water. Do not dry sweep.

Waste Disposal Method: Product contains biodegradable surfactant. If permitted, flush down sewer drain with large excess of water or dispose of at landfill. Disposal is to be performed in compliance with all regulations.

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None required with normal use. For bulk handling or other dusty conditions, use respiratory protection approved by NIOSH for dust.

Ventilation Local Exhaust: None required with normal use. Special: None
Mechanical (General): Acceptable Other: None

Eye Protection: None required with normal use. Industrial Setting: Eye protection (goggles) recommended

Protective Gloves: None required with normal use.

Other Protective Equipment: None required with normal use.

*NA. - Not Applicable

*NK. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

RECEIVED

JUN 03 1998

RAUHORN ELECTRIC INC. BY 

MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS # 126502001

DOW DISINFECTANT BATHROOM CLEANER

Date Issued: 09Apr1998

Supersedes: 23Feb1998

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (888) 779-7920
International Emergency Phone:
(414) 886-1480

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEK (collect) (613) 996-6666
Poison Control: (888) 779-7920

Table with 4 columns: HAZARD RATING, HMIS, HAZARD, NFPA. Rows include 4-Very High, 3-High, 2-Moderate, 1-Slight, 0-Insignificant. Includes distributor info for Canada: S.C. Johnson and Son, Limited.

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DOW DISINFECTANT BATHROOM CLEANER
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: Disinfectants

SECTION 2 - INGREDIENT INFORMATION

Table with 3 columns: INGREDIENT, WEIGHT%, EXPOSURE LIMIT/TOXICITY. Rows include Quaternary Ammonium Compound, Tetrasodium Salt of EDTA, Glycol Ether, Isobutane, Water.

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact.
EFFECTS OF ACUTE EXPOSURE:
EYE..... May cause: Mild eye irritation.
SKIN..... Prolonged or repeated contact may cause: Mild skin irritation.
INHALATION..... None known.
INGESTION..... None known.
MEDICAL CONDITIONS..... None known.
GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.
SKIN CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.
INHALATION..... If breathing is affected, remove to fresh air. Get medical attention.
INGESTION..... Immediately drink 1-2 glasses of water Get medical attention.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

MATERIAL SAFETY DATA SHEET

DOW DISINFECTANT BATHROOM CLEANER

Date Issued: 09Apr1998

Supersedes: 23Feb1998

----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

FLAMMABLE LIMITS..... Not available.
AUTOIGNITION..... Not available.
TEMPERATURE
EXTINGUISHING MEDIA.... Foam, CO2, Dry chemical, Water fog.
SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and
PROCEDURES protective clothing. Cool and use caution when approaching or
handling fire-exposed containers.
UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of
EXPLOSION HAZARDS fire.

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Absorb with oil-dri or similar
CASE MATERIAL IS inert material. Sweep or scrape up and containerize. Do not let
RELEASED OR SPILLED spilled or leaking material enter watercourse.

----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... CAUTION: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes.
INFORMATION If contact occurs, flush immediately with water. CONTENTS UNDER
PRESSURE. Do not puncture or incinerate. Do not use near open
fire, flames or heat. Exposure to temperatures above 130 F may
cause bursting.
OTHER HANDLING AND..... Keep away from heat and flame. Keep out of reach of children.
STORAGE CONDITIONS

----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
VENTILATION..... General room ventilation adequate.
PROTECTIVE GLOVES..... No special requirements under normal use conditions.
EYE PROTECTION..... No special requirements under normal use conditions.
OTHER PROTECTIVE..... No special requirements.
MEASURES

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Clear Yellow
PRODUCT STATE..... Dispensed as a spray mist.
ODOR..... Fragrant
pH..... 12.0-12.2
SOLUBILITY IN WATER.... Complete
SPECIFIC GRAVITY..... 1.04
(H2O=1)
VAPOR DENSITY (AIR=1).. > 1
EVAPORATION RATE (BUTYL Not applicable.
ACETATE=1)
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... Not applicable.
FREEZING POINT..... Not available.
PERCENT VOLATILE BY.... > 95
VOLUME (%)
VOLATILE ORGANIC..... Glycol Ether. Hydrocarbon propellant
COMPQUND (VOC)

MATERIAL SAFETY DATA SHEET

DOW DISINFECTANT BATHROOM CLEANER

Date Issued: 09Apr1998

Supersedes: 23Feb1998

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

THEORETICAL VOC..... Not available.
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. None known.
TO AVOID
INCOMPATIBILITY..... None known.
HAZARDOUS DECOMPOSITION Produces normal products of combustion.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... None known.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

EFFECTS OF CHRONIC..... None known.
EXPOSURE

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel recycling
INFORMATION center. Use up package or give to someone who can.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for
up-to-date shipping information.

----- SECTION 15 - REGULATORY INFORMATION -----

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic
Substances Control Act (TSCA) Chemical Substance Inventory.

This product is not subject to the reporting requirements under California's Proposition 65

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.
EPA REGISTRATION #..... 3696-142

----- PREPARATION INFORMATION -----

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MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS # 126502001

DOW DISINFECTANT BATHROOM CLEANER

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