


EXPOSE II 256

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
	Health		3	Fire Hazard
	Reactivity		Reactivity	0
Specific Hazard				
Protective Clothing		Emergency Overview	Purple. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL IF ABSORBED THROUGH SKIN, IF SWALLOWED OR INHALED.	

Section 1. Chemical Product and Company Identification			
Product Name	EXPOSE II 256	Code	5697 & 5698 & 5699
Product Use	Industrial/Institutional: Disinfectant.	PMS#	3108615
MSDS#	115693002	Validation Date	9/15/2003
U.S. Headquarters	Canadian Headquarters	Print Date	9/15/2003
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971	Supersedes	9/11/2003
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ortho-Benzyl-Para-Chlorophenol	120-32-1	10.5	Not available.	ORAL (LD50): Acute: 1700 mg/kg [Rat].
Ortho-Phenylphenol	90-43-7	10.5	Not available.	ORAL (LD50): Acute: 2000 mg/kg [Rat]. 1050 mg/kg [Mouse].

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p>Eyes Corrosive. May cause permanent damage including blindness.</p> <p>Skin Corrosive. May cause permanent damage.</p> <p>Inhalation May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p>Ingestion Corrosive. May cause burns to mouth, throat, and stomach.</p>
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
Aggravated by Overexposure:	See Toxicological Information (section 11)

Section 4. First Aid Measures	
Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention immediately.
Skin Contact	Take off contaminated clothing. Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately.

Ingestion	Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.
Notes to Physician	Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Section 5. Fire Fighting Measures

Flammability of the Product	Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.
Flash Points	CLOSED CUP: 53°C (127.4°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Avoid breathing vapors or spray mists. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves.
<i>Respiratory</i>	No specific personal protection equipment is required.
<i>Feet</i>	No specific personal protection equipment is required.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Lemon like.
Color	Purple.
pH	12 to 13.5 [Basic.]
Specific Gravity	1.11
Boiling/Condensation Point	>100°C (212°F)
Melting/Freezing Point	<0°C (32°F)
Solubility in water	Complete.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids. Do not mix with any other chemicals or products unless specified by label.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Corrosive. Acute oral toxicity (LD50): Estimated to be > 500 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.
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Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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TDG Classification

TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 313 toxic chemical notification and release reporting: Ethylene Glycol, Isopropyl Alcohol
Clean Water Act (CWA) 311: Sodium hydroxide, Sodium Dodecylbenzene Sulfonate
CERCLA: Hazardous substances.: Ethylene Glycol, Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate

State New Jersey spill list: Ethylene Glycol, Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate
New Jersey: Biphenyl -2-ol, Ethylene Glycol, Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate
Massachusetts spill list: Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate
Massachusetts RTK: Biphenyl -2-ol, Ethylene Glycol, Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate
Pennsylvania RTK: Biphenyl -2-ol, Ethylene Glycol, Sodium hydroxide, Isopropyl Alcohol, Sodium Dodecylbenzene Sulfonate

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

Registered Product Information EPA Registration Number: 70627-6

Canadian Regulations

Canadian NPRI Canadian NPRI: Biphenyl -2-ol, Ethylene Glycol.

WHMIS Classification Not controlled under WHMIS (Canada).

WHMIS Icon

Registered Product Information Not applicable.

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

Section 16. Other Information

Other Special Considerations MSDS Serial Range: 2-3

Version 1.02

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