JohnsonDiversey

MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Indentification

Product Name	**OXFORD ENVIROX G**
Product Code	**07501100** UPC-A SCC
Manufacturer	**JOHNSONDIVERSEY INC.** **3630 E. KEMPER RD** **CINCINNATI, OH 45241-2046**
Chemical Family	**SELF-FOAMING,CHLORINATAED CLEANER**

Emergency	**(800)831-9889**
Medical(Collect)	**(303)592-1024**
Chemtree	**(800)424-9300**
Date	**12/08/1993**

II Composition/ Information on Ingredients

Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
SODIUM HYPOCHLORITE (7681-52-9)	**3**	**NONE ESTABLISHED**	
SODIUM METASILICATE (6834-92-0)	**2**	**NONE ESTABLISHED**	
POTASSIUM METASILICATE (1312-76-1)	**2**	**NONE ESTABLISHED**	
NON-HAZARDOUS:			
WATER (7732-18-5)			
SODIUM DODECYLDIPHENYL OXIDE DISULFONATE (28519-02-0)			
LAURYLDIMETHYLAMINE N-OXIDE (1643-20-5)			

III Hazards Identification

Signs and Symptoms of Exposure

ACUTE: **MAY BE HARMFUL IF SWALLOWED.**
MAY CAUSE SKIN AND EYE IRRITATION.

CHRONIC: **SAME AS ACUTE**

HMIS: Health **2** Flammability **0** Reactivity **1** Personal Protection **D**

Conditions Aggravated **SENSITIVE SKIN AND EYES**

Carcinogen Info **NONE** NTP IARC OSHA

Target Organs or System

Routes of Exposure: Inhalation [x] Skin [ ] Ingestion [x]

IV First Aid Measures

Inhalation **REMOVE TO FRESH AIR.**

Eyes **FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES.**
GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

Skin **FLUSH IMMEDIATELY WITH 3% BORIC ACID SOLUTION, DILUTED VINEGAR, CITRUS JUICE OR LARGE QUANTITIES OF WATER.**

Ingestion **DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER, FOLLOWED BY CITRUS JUICE OR ONE OUNCE OF VINEGAR IN WATER. FOLLOW WITH MILK OR OLIVE OIL. GET MEDICAL ATTENTION.**

V Fire Fighting Measures

Fire Control Measures/ Equipment **NONE**

Flammable Property Info

Explosion Info **CONTAINS LOW LEVEL OF CHLORINE OXIDANT**

Extinguishing Media **WATER**

Gases

VI Accidental Measures

Spill and Leak Clean UP Procedures: **PROVIDE GOOD VENTILATION TO AREA. PROVIDE SUPPLIED-AIR RESPIRATORS TO CLEANUP PERSONNEL. DIKE AREA TO CONTAIN SPILL; PUMP LIQUID TO SUITABLE CONTAINER. FLUSH RESIDUE TO SANITARY SEWER SYSTEM WITH PLENTY OF WATER.**

Environmental Precautions

VII Handling and Storage

Ventilation Required? **NO** Instructions **PRODUCE NORMAL AIR DILUTION**

Safe Storage, Handling and Use Instructions: **KEEP FROM FREEZING. DO NOT MIX WITH ACIDS OR AMMONIA. STORE CONTAINER TIGHTLY CLOSED IN A COOL, DRY LOCATION.**

Imcompatible Materials

VIII Exposure Controls/ Personal Protection

Protective Gloves **RUBBER GLOVES**

Eye Protection **SAFETY GLASSES**

Respiratory Protection: **PROVIDE NIOSH/MSHA-APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE LIKELY TO BE EXCEEDED.**

Other Protective Clothing Equipment **NONE**

IX Physical and Chemical Properties

Characteristics o of Hazardous Chemcial

Vapor Pressure **18.9** MmHg@ **20** °C	Vapor Density(Air=1) **0.62**	pH	Water Solubility **100** %	
Appearance & Odor **CLEAR, STRAW-COLORED, THIN LIQUID; CHLORINE ODOR**				
Boiling Point **215** °F	Melting Point °F	Flammability Limits in Air By Volume: Upper **N/A**	Lower **N/A**	
Flash Point **NONE** °F	Auto Ignition **N/K** °F	Oxidizing Properties		
Specific Gravity **1.12**	Volatile by Volume **3** %			
Evaporation Rate(n-Butyl Acetate=1) **<1**				

X Stability and Reactivity

Peroxide, Pyrophoric, Unstable or Water Reactive **NONE**

Reactivity and Hazardous Polymerization **NONE**

Possible Hazardous Reactions

Conditions to Avoid

Materials To Avoid: **ACIDS, AMMONIA. CHLORINE GAS MAY BE RELEASED ON CONTACT WITH ACIDS.**

Hazardous Decomposition Products: **CO2, CARBON MONOXIDE, SULFUR DIOXIDE, CHLORINE**

XI Toxicological Information

XII Ecological Information

Possible Effects and Environmental Fate

Degradability

Aquatic Toxicity

XIII Disposal Consideration

Method of Disposal, Residues and Safe Handling: **TRIPLE RINSE CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.**

Disposal of Contaminated Material: **CO2, CARBON MONOXIDE, SULFUR DIOXIDE, CHLORINE**

XIV Transport Information

CONTACT DISTR. DEPT. FOR DESCRIPTION

XV-Regulatory Information

XVI-Other Information

S.A.R.A. Title III Section 313: **NONE**

State Right to Know Information:

SODIUM TRIPOLYPHOSPHATE - CAS #7658-29-4
WATER - CAS #7732-18-5
SODIUM HYPOCHLORITE - CAS #7681-52-9
POTASSIUM HYDROXIDE - CAS #1310-58-3