

MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

Themical Product and Company Indentification Chemical Product and Company Indentification Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046 Chemical Family FOAMING MANUAL DETERGENT Chemical Name of Hazardous Ingredient 2-BUTOXYETHANOL (111-76-2) SODIUM METASILICATE (6834-18-5) Signs Chemical Name of Hazardous Ingredient 2-BUTOXYETHANOL (111-76-2) SODIUM METASILICATE (6834-18-5) CAUSES EYE AND SKIN IRRITATION WITH PAIN AND REDNESS OF DRYNESS, MAY BE HARMIFUL IF SWALLOWED. CAUSES NAUSEA, VOMITING, PAIN AND DIARRHEA IF PRODUCT IS Symptoms Of HE EXPOSURE NO KNOWN HAZARDS. TARGET ORGAN EFFECTS: CONTAINS ETHYLENE GLYCOL BUTYLETHER WHICH MAY BE ABSORBED THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN. THIS CHEMICAL HAS BEEN REPORTED TO THROUGH THE SKIN; PROLONGED CONTACT MAY CAUSE DRYNESS OR DERMITITIS.	31-9889		
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Composition/ Information on Ingredients Causes Eye and skin irritation with Pain and Redness of Adriness. May be Harmful if swallowed. Causes Mausea. Vomiting, Pain and Diarrhea if Product is and a surprise of Exposure of Thrulene Glycol Buttlether which may be absorbed to Cause adverse effects on Blood, kiloney and Liver Cause adverse effects in Blood Exposure: Inhalation Skin Sin Ingestion Skin Infantion Develops, get medical Attention. Remove Contaminated Clothes and Shood, and Uniconscious person. V	MG/M3		
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Gases			

VI Accidental Measures	Spill and Leak Clean UP Procedures WIPE UP SMALL AMOUNTS, FLUSH TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CAUSES SLIPPERY SURFACES. CLEAN AND WASH AREAS. CERCLA PRODUCT R.Q.: NO REPORTABLE QUANTITY.
	Environmental Precautions
	Ventilation Required? NONE Instructions USUALLY NOT REQUIRED
VII Handling and Storage	Safe Storage, Handling and Use Instructions DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP BUNGS IN CONTAINER. IF FROZEN, CONTACT SALES/SERVICE REPRESENTATIVE. KEEP OUT OF REACH OF CHILDREN.
	Imcompatible Materials
VIII Exposure Controls/ Personal Protection	Protective Gloves RUBBER, PVC, OR CHEMICAL RESISTANT
	Eye Protection SIDE-SHIELD SAFETY GLASSES OR CHEMICAL GOGGLES
	Respiratory USUALLY NOT REQUIRED. Protection
	Other Protective CLOTHING TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA. Clothing Equipment
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial
	Vapor Pressure 22.6 MmHg@ 20 °C Vapor Density(Air=1] N/A pH Water Solubility 100 %
	Appearance & Odor CLEAR BLUE LIQUID, ETHER LIKE ODOR. Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point 400 °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.06 Volatile by Volume 87 %
	Evaporation Rate(n-Butyl Acetate=1) <1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE KNOWN Possible Hazardous Reactions
	Conditions to Avoid
	Materials ACIDS AND OXIDIZERS.
	To Avoid
	Hazardous OXIDES OF CARBON WITH INCOMPLETE COMBUSTION. Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability
mormation	Aquatic Toxicity Method of EMPTY CONTAINER. TRIPLE RINSE WITH WATER AND ADD RINSATE TO
XIII Disposal Consideration	Disposal, Residues and Safe Handling EMIT CONTAINER. INTEREST AND ADDAINSAIL TO DISPOSAL, Residues and Safe Handling EMIT CONTAINERS. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. NOT A RCRA HAZARDOUS WASTE. CONTAINS BIODEGRADABLE DETERGENTS.
	Disposal of OXIDES OF CARBON WITH INCOMPLETE COMBUSTION. Contaminated Material
XIV Transport Information	CONTACT DISTR. DEPT. FOR DESCRIPTION
XV-Regulatory Information	
XVI-Other Information	THIS PRODUCT CONTAINS 2-BUTOXYETHANOL AT 5% WHICH IS SARA TITLE
S.A.R.A. Title III Section 313	III, SECTION 313 REPORTABLE AS A GLYCOL ETHER COMPOUND.
State Right to Know Information	ETHYLENE GLYCOL BUTYL ETHER - CAS #111-76-2 SODIUM LAURYL SULFATE - CAS #151-21-3 SODIUM METASILICATE - CAS #6834-92-0 WATER - CAS #7732-18-5 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4