

MATERIAL SAFETY DATA SHEET

THIS IS NOT A CONTROLLED PRODUCT UNDER WHMIS REGULATION

I - PRODUCT IDENTIFICATION AND USE MSDS ID: TK-69 PRODUCT NAME: **BROMOCRESOL GREEN (TK-69)** USE: Colour Indicator SUPPLIER: **EMERGENCY PHONE:** JohnsonDiversey Canada, Inc. 1-800-668-7171 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada WHMIS CLASSIFICATION: TRADE NAME / SYNONYMS: not applicable not applicable CHEMICAL FAMILY: not applicable **CHEMICAL NAME: Bromocresol Green II - HAZARDOUS INGREDIENTS** HAZARDOUS INGREDIENT % w/w CAS# LD50 / LC50 **Route / Species** Not a controlled product **III - HANDLING AND DISPOSAL PROCEDURES** PERSONAL PROTECTIVE EQUIPMENT: Gloves: not required Eye: safety glasses Footwear: not required If mists are generated, use NIOSH approved Respiratory: Other: not applicable SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not applicable **VENTILATION REQUIREMENTS:** general ventilation INCOMPATIBILITY (Material to Avoid): not applicable SPILL PROCEDURES: Soak up with absorbent material then wash area with water. WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations. STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. **IV - PHYSICAL PROPERTIES** APPEARANCE / ODOUR: Green liquid S.G. / BULK DENSITY(g/cc): 1.00 pH: (concentrate): 7.5 VAPOUR PRESSURE (mmHq): not applicable VAPOUR DENSITY (air=1): not applicable **ODOUR THRESHOLD:** not applicable **BOILING POINT:** approx. 100°C FREEZING POINT: approx. 0°C PERCENT VOLATILE: >99.0% SOLUBILITY IN WATER: soluble **EVAPORATION RATE (water=1):** 1.0 **V - TOXICOLOGICAL PROPERTIES** EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: May cause irritation. SKIN: No serious or irreversible effects expected. INGESTION: No serious or irreversible effects expected. INHALATION: not applicable LD50 (calculated): LC50 (calculated): not available not available OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC none known **EXPOSURE TO MATERIAL: VI - FIRST AID MEASURES** EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician. SKIN: Flush affected area thoroughly with water. INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician. INHALATION: Remove patient to fresh air. VII - FIRE AND EXPLOSION DATA FLAMMABLE: FLASH POINT, °C: **AUTO IGNITION TEMPERATURE,°C:** not applicable N/ap. **EXTINGUISHING MEDIA:** Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [] Other [] SPECIAL FIRE FIGHTING PROCEDURES: not applicable HAZARDOUS COMBUSTION PRODUCTS: not applicable. **EXPLOSIVE SENSITIVITY TO:** not applicable **VIII - REACTIVITY DATA** STABILITY: Unstable [] Stable [x] **CONDITIONS TO AVOID:** not applicable INCOMPATIBILITY (Material to Avoid) : not applicable HAZARDOUS DECOMPOSITION PRODUCTS: not applicable REACTIVITY: not dangerously reactive IX - MSDS PREPARATION PREPARED BY: SOURCES USED: Supplier MSDS JohnsonDiversey Canada, Inc. Regulatory Department Food Division PREPARATION DATE: April 15, 2003 Phone (905) 829-1200 Information on this form is furnished in compliance with the Regulations respecting Controlled Products under the Hazardous Products Act and is not to be used for any other purpose, nor is it to be reproduced or published. JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. In addition, JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any abnormal use or theft of the material, even if reasonable safety procedures are followed. Each user assumes the risk in his use of the material and should review the data and recommendations in the specific context of the intended use.