

MATERIAL SAFETY DATA SHEET

HAZARD RATING	
Health	1
Fire	2
Reactivity	0
Special	0

THE CHAMPION COMPANY
400 Harrison Street
Springfield, Ohio 45505
EMERGENCY TELEPHONE NO. (937) 324-5681
CHEMTREC: (800) 424-9300 (Spill, Leak, Fire, Exposure or Accident)

I. PRODUCT INFORMATION

General Type: Dye Solution
Trade Name: Dye Concentrate Cosmetic Factor

II. HAZARDOUS INGREDIENTS

MATERIAL (CAS)	%	OSHA PEL TWA/STEL (15)	ACGIH TLV TWA/STEL (15)
Methanol (67-56-1)	16	200ppm/NONE	200ppm/250ppm
Isopropanol (67-63-0)	7	400ppm/NONE	200ppm/400ppm

III. PHYSICAL DATA

Boiling Point	148° F+	Freezing Point	N/D
Specific Gravity	.98	Vapor Pressure	N/D
Vapor Density	Approx 1	Solubility in Water	COMPLETE
Percent Volatiles	23	Evaporation Rate (Butyl Acetate = 1)	Approx 1
Appearance and Odor	Dark reddish liquid with slight alcoholic odor		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	101° F (TCC) Combustible Liquid
Flammable Limits In Air	----
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide, Water Spray
Special Fire Fighting Procedures	Wear self-contained breathing apparatus. Cool container with water spray.
Unusual Fire and Explosion Hazard	Extinguish all nearby ignition sources. Product may burn with near invisible flames. Vapors may flashback.

V. HEALTH HAZARD DATA

Threshold Limit Value	See Part II
Effects of Overexposure	If swallowed may cause nausea, vomiting, diarrhea, blindness or death. Skin contact may cause dryness, irritation or dermatitis. Eye contact may cause burns, inflammation, eye injury or blindness. Inhalation may cause irritation of throat and lungs, headache, vomiting, difficult breathing and collapse, nerve damage or blindness. Can be absorbed through skin.
Emergency and First Aid Procedures	Contact physician immediately. If swallowed induce vomiting by giving water and sticking finger down throat. If unconscious give nothing, if eye or skin contact - flush with water for 15 minutes, remove contaminated clothing. Get medical attention. If inhaled - remove to fresh air, give artificial respiration if not breathing. Get medical attention.

VI. REACTIVITY DATA

Stability	Product is stable
Conditions to Avoid	Heat, sparks, open flames
Incompatibilities	Strong acids and alkalis
Hazardous Decomposition Products	High temperatures may liberate carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur

VII. SPILL OR LEAK PROCEDURES

If Material is Spilled	Isolate area and use ventilation. Utilize full protective equipment. Cover with sand, dirt or non-reactive absorbent. Shovel into container for disposal. Thoroughly wash area and equipment before re-use.
Waste Disposal Method	Incinerate under supervision - if allowed. Transport to landfill and bury - if allowed.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection	Unnecessary if area is adequately ventilated. Use organic vapor mask if necessary.
Local Ventilation	Preferred
Mechanical Ventilation	Acceptable if necessary
Special Ventilation	Not normally required
Other Ventilation	Not normally required
Protective Gloves	Impervious vinyl or rubber type
Eye Protection	Coverall goggles or full face shield
Other Protective Equipment	Safety shower, eye wash and full protective clothing is required

IX. SPECIAL PRECAUTIONS

Maintain adequate ventilation and engineering controls to insure exposure limits below OSHA limits. Avoid prolonged inhalation or contact with skin or eyes.

Keep bottles tightly capped. Keep away from heat or flame. Store in cool, dry, well-ventilated area.

The information herein given is in good faith but no warranty, expressed or implied, is made, except that to the best of the Company's knowledge it is accurate. The Champion Company does not assume any legal responsibilities for use or dependence upon same. Customers may wish to conduct tests of their own. The user is urged to read the information provided on the label before using product.

Dye Concentrate Cosmetic Factor

Date July 2004
