MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Bromocresol Green-Methyl Red
CAS NO.: N/A
FORMULA: Not applicable

II. INGREDIENTS

Potassium Chloride
CAS NO.: 7758-08-0
TLV: Not established
PEL: Not established
HAZARD: May cause eye irritation

Other components, each
PCT: 0.1
CAS NO.: N/A
TLV: Not applicable
PEL: Not applicable
HAZARD: Not applicable

III. PHYSICAL DATA

STATE: solid
APPEARANCE: Red-brown or green
ODOR: None
SOLUBILITY IN WATER: Soluble
ACID: Not determined
OTHER: Not determined
MELTING POINT: Not determined
BOILING POINT: Not determined
SPECIFIC GRAVITY: 1.16 at 20°C
VAPOR DENSITY (air=1): 1.14
EVAPORATION RATE: Not determined
METAL CORROSIVITY: Not determined
STABILITY: See Conditions to Avoid
STORAGE PRECAUTIONS: Store in a cool, dry place.

IV. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH PT.: Not applicable
METHOD: NA
FLAMMABILITY LIMITS - LOWER: NA
UPPER: NA
SUSCEPTIBILITY TO SPONTANEOUS HEATING: Not determined
SHOCK SENSITIVITY: None
AUTODetonATION PT.: Not applicable
EXTINGUISHING MEDIA: Water, dry chemical, alcohol foam or carbon dioxide
FIRE/EXPLOSION HAZARDS: May emit toxic fumes in fire
HAZARDOUS DECOMP. PRODUCTS: May emit toxic chloride fumes in fire
OXIDIZER: No
NFPA CODES: Health: 1; Flammability: 0; Reactivity: 0
CONDITIONS TO AVOID: Extreme heat; contact with acids.

V. HEALTH HAZARD DATA

THIS PRODUCT MAY BE: Irritating to eyes, skin and respiratory tract.
ACUTE TOXICITY: Moderately toxic
ROUTES OF EXPOSURE: Inhalation
TARGET ORGANS: Circulatory system
CHRONIC TOXICITY: Not determined
ROUTES OF EXPOSURE: Not determined
TARGET ORGANS: Not determined
CANCER INFORMATION: Not applicable
ROUTES OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
OVEREXPOSURE: May cause eye, skin and respiratory tract irritation. May cause stomach disturbances, weakness, circulatory and heart problems.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with impaired kidney function may be more susceptible to the effects of potassium chloride

VI. PRECAUTIONARY MEASURES

Avoid contact with eyes and skin.
Do not breathe dust.
Wash thoroughly after handling.
Keep away from acids.

PROTECTIVE EQUIPMENT: Adequate ventilation, lab grade goggles, disposable latex gloves

VII. FIRST AID

EYE AND SKIN CONTACT: Immediately flush eyes with water for 15 minutes. Call physician. Flush skin with plenty of water.
INHALATION: Give large quantities of water. Call physician immediately.
INHALATION: Remove to fresh air.

VIII. SPILL AND DISPOSAL PROCEDURES

IN CASE OF SPILL OR RELEASE: Sweep up powder. Avoid breathing material. Disperse in water. Flush down the drain with excess water. Dispose of in accordance with all federal, state, and local regulations.

IX. TRANSPORTATION DATA

D.O.T. PROPER SHIPPING NAME: Not Currently Regulated
HAZARD CLASS: Not applicable
ID: NA

I.C.A.O. PROPER SHIPPING NAME: Not Currently Regulated
HAZARD CLASS: NA
ID: NA
GROUP: NA

I.H.G. PROPER SHIPPING NAME: Not Currently Regulated
HAZARD CLASS: NA
ID: NA
GROUP: NA

X. REFERENCES

3) In-house information
4) Technical Judgment

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

(C) HACH CO. 1993
Hach Company, WORLD HEADQUARTERS, PO Box 589, Loveland, CO 80539
Hach Europe, BP 229, B5000 Namur 1, BELGIUM