

# MATERIAL SAFETY DATA SHEET

McCormick and Company, Inc

773388 - YELLOW FOOD COLOR

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DATE PRINTED : 02/04/2010

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## Section 1 - Product and Company Information

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**PRODUCT NAME :** YELLOW FOOD COLOR  
**FORMULA # :** 773388

**SUPPLIER :** McCormick and Company, Inc  
18 Loveton Circle  
Sparks, Maryland 21152  
(410) 771-7500 8:30AM - 5:00PM EST

**CHEMTREC - 24 HOUR EMERGENCY :** 800-424-9300

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## Section 2 - Hazards Identification

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### EMERGENCY OVERVIEW

**APPEARANCE:** Dark yellow liquid

**ODOR :** Odorless

**NFPA HAZARD CLASSIFICATIONS :** Health : 1      Flammability : 1      Reactivity : 1

### POTENTIAL HEALTH EFFECTS

All ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration or on the FEMA GRAS List. Based on health hazard determination of ingredients contained at a concentration of one percent or greater, this mixture may exhibit the following health hazards:

#### ACUTE EFFECTS

**Inhalation:** Inhalation may cause respiratory irritation.

**Eye:** May be irritating to eyes.

**Skin:** May be irritating to skin.

**Ingestion:** Does not constitute a health hazard.

**PRIMARY TARGET ORGANS:** No known effect.

**CHRONIC EFFECTS:** Prolonged or repeated exposure may cause allergic reaction in certain sensitive individuals.

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## Section 3 - Composition/Information on Ingredients

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With the exception of the items listed below, the identity of individual components of this mixture is proprietary information and is considered to be a trade secret.

PRINCIPAL HAZARDOUS COMPONENT(S)	CAS NUMBER
FD&C YELLOW #5 PROPYLENE GLYCOL	57-55-6

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### RELATED PACK CODES

900329683, 900329422, 900306712, 900299388, 900261177, 900141381, 900057991, 900033170, 900033169, 900033144, 900033143, 900031461, 900024103, 900024100, 986015, 982096, 974407, 974406, 930654, 930653, 910045, 907107, 907092, 773388

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## Section 4 - First Aid Measures

**EYE CONTACT :** In the event of contact with eyes, irrigate with water for at least 15 minutes; obtain medical advice immediately.

**SKIN CONTACT :** Remove contaminated clothes. Wash affected area with water. If irritation persists, obtain medical advice.

**INHALATION :** Remove to fresh air and seek medical attention if necessary.

**INGESTION :** In the event of accidental ingestion, rinse mouth with water. Give up to one tumbler (half pint) of milk or water. Obtain medical advice immediately.

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## Section 5 - Fire-Fighting Measures

**FLASH POINT :** > 98 °C / > 210 °F

**EXTINGUISHING MEDIA :** Water, Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**FIRE FIGHTING PROCEDURES :** Use standard procedures and preferred extinguishing media above.

**UNUSUAL FIRE AND EXPLOSION HAZARDS :** None

**HAZARDOUS COMBUSTION PRODUCTS (Released upon burning) :** Carbon monoxide, Carbon dioxide, Smoke

**SPECIAL PROTECTIVE EQUIPMENT :** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

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## Section 6 - Accidental Release Measures

**LAND SPILL :** Absorb spill with inert material (e.g., cloth, sand, sawdust) and then place in suitable containers for recycling or disposal. Consult an expert on disposal of recovered material and ensure conformity to local, state, and federal disposal regulations.

**WATER SPILL :** Prevent additional discharge of material, if possible to do so without hazard. Advise authorities if floating material enters a watercourse or sewer. If possible, try to contain floating material and skim from surface. Consult an expert on disposal of recovered material and ensure conformity to local, state, and federal disposal regulations.

**PERSONAL PRECAUTIONS :** Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

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## Section 7 - Handling and Storage

**HANDLING :** Keep product away from heat and open flame. Keep container closed when not in use. See Section 8 for additional personal protection advice when handling this product.

**STORAGE :** Store in a cool, dry area with adequate ventilation.

**EMPTY CONTAINER WARNING :** Empty containers may retain residue (including vapors) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with government regulations.

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## Section 8 - Exposure Controls/Personal Protection

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**ENGINEERING CONTROLS :** Ventilation should be provided to control worker exposures and prevent health risk.

**RESPIRATORY PROTECTION :** Respiratory protection recommended when adequate ventilation is not available. Whenever workplace conditions warrant a respirator's use, seek professional guidance prior to respirator selection and follow OSHA respirator regulations (29 CFR 1910.134).

**EYE PROTECTION :** Safety glasses recommended.

**SKIN PROTECTION :** Where contact is likely, wear protective gloves or clothing.

**OTHER PROTECTION :** None required.

### EXPOSURE GUIDELINES :

Component	OSHA PEL	ACGIH TLV	ACGIH STEL	Supplier
PROPYLENE GLYCOL	None	None	None	None

**GENERAL HYGIENE CONSIDERATIONS :** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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## Section 9 - Physical and Chemical Properties

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**APPEARANCE :** Dark yellow liquid

**ODOR :** Odorless

**FLASH POINT :** > 98 °C / > 210 °F

**DENSITY :** 8.67 LB/GAL

**SOLUBILITY IN WATER :** Soluble

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## Section 10 - Stability and Reactivity

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**STABILITY :** Presents no significant reactivity hazard.

**INCOMPATIBILITY (MATERIALS TO AVOID) :** Avoid strong oxidizing agents.

**POSSIBILITY OF HAZARDOUS REACTIONS :** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS :** Product does not undergo explosive decomposition.

**CONDITIONS TO AVOID :** Extreme heat and high energy sources of ignition.

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## Section 11 - Toxicological Information

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**ACUTE EYE EFFECTS :** Not established.

**ACUTE DERMAL EFFECTS :** Not established.

**ACUTE INHALATION EFFECTS :** Not established.

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ACUTE ORAL EFFECTS : Not established.

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## Section 12 - Ecological Information

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No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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## Section 13 - Disposal Considerations

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Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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## Section 14 - Transport Information

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### DEPARTMENT OF TRANSPORTATION (DOT) :

Not regulated by road. Consult your transportation compliance group for possible classifications pertaining to other modes of transport.

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## Section 15 - Regulatory Information

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All ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration or on the FEMA GRAS List.

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## Section 16 - Other Information

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The information contained in this MSDS is based on data available to us at this time. Although reasonable care has been taken in the preparation of this MSDS, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use.

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**PREPARED BY :** McCormick and Company, Inc  
**REVISION DATE :** 02/04/2010 **VERSION :** 1  
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