

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078910617

N/A

# Material Safety Data Sheet (MSDS)

## IN AN EMERGENCY CONTACT:

Chemtree: (800) 424-9300

## NFPA Hazard Classifications

- 1 - Health
- 3 - Flammability
- 0 - Reactivity

## FOR PRODUCT INFORMATION CALL:

McCormick Flavor Group  
226 Shilling Circle  
Hunt Valley, MD 21031  
(410) 771-7500

## I. IDENTIFICATION

PRODUCT NAME: MANDARIN ORANGE TYPE N/A WS  
PRODUCT TYPE: A Formulated Proprietary LIQUID FLAVORING

FORMULA #: F55803

## II. HEALTH HAZARD INFORMATION

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

Principal Hazardous Component(s)  
ALCOHOL  
PROPYLENE GLYCOL

TLV  
1000 PPM  
N/D

All ingredients contained in this product are approved for use in a regulation of the F.D.A. or are on a current F.E.M.A. list.

## III. PHYSICAL DATA

Specific Gravity 25/25C (H<sub>2</sub>O=1): .97 +0.010 VAPOR PRESSURE (at 20c in mm Hg): ND  
SOLUBILITY IN WATER: MODERATE VAPOR DENSITY (Air = 1): >1  
APPEARANCE AND ODOR: A LIGHT YELLOW LIQUID WITH AN ORANGE AROMA.

## IV. FIRE AND EXPLOSION INFORMATION

FLASH POINT: 117° F (TTC)

DOT CLASSIFICATION: (x) Flammable Liquid ( ) Combustible Liquid  
( ) Irritating Material ( ) Corrosive Material  
( ) None

EXTINGUISHING MEDIA: (x) Water (x) Foam (x) CO<sub>2</sub> (x) Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

## V. REACTIVITY INFORMATION

STABILITY: Presents no significant hazard. Normally stable even at elevated temperatures and pressures. Not pyrophoric nor reactive with water. Does not undergo explosive decomposition, is shock stable, and is not an oxygen donor. Does not form explosive mixtures with other organic materials. Will not undergo hazardous exothermic polymerization.

IMPACTIBILITY (Materials to avoid): Strong Oxidizing agents

## VI. EMERGENCY AND FIRST AID

EYE (Contact): In the event of contact with eyes, irrigate with water for at least ten minutes. If irritation persists, obtain medical advice.

SKIN (Contact): Remove contaminated clothes. Wash affected area with water. If irritation persists, obtain medical advice.

**INGESTION:** In the event of accidental ingestion, rinse mouth with water. Give up to one tumbler of milk (1 pint). Obtain medical advice if necessary.

**INHALATION:** Remove to fresh air if necessary.

**VII. SPILL OR LEAK PROCEDURES**

Small spills can be wiped up with cloth or paper, standard absorbents can be used (sand, sawdust, vermiculite, etc.)

**VIII. SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** RECOMMENDED WHEN BOTTLING

**VENTILATION:** ADEQUATE VENTILATION RECOMMENDED

**PROTECTIVE GLOVES:** RECOMMENDED

**EYE PROTECTION:** RECOMMENDED

**OTHER PROTECTION:** NONE REQUIRED

**IX. SPECIAL PRECAUTIONS**

Keep away from heat of flame. Keep container closed when not in use.

Prepared by: McCormick Flavor Group

Date: 10/23/2002

The opinions expressed here in are those of qualified experts with McCormick Flavor Group. We believe that the information contained herein is current as of the date of this MSDS. Since the use of this information and the conditions of the use of the product are not within the control of McCormick Flavor Group, it is the user's obligation to determine conditions of safe use of the product.