**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME: CMT FORMULA 2050**

**SYNONYMS: MIXTURE**

**PRODUCT CODES: 998.001.01 - 998.001.05**

**MANUFACTURER/SUPPLIER: CMT ORANGE TOOLS**

**DIVISION:**

**ADDRESS: 7609-D Bentley Rd**

**Greensboro, NC 27409 USA**

**EMERGENCY PHONE: 888-268-2487**

**OTHER CALLS: info@cmtusa.com**

**FAX PHONE: 336-854-0903**

**CHEMICAL NAME: N/A**

**CHEMICAL FAMILY: MIXTURE**

**CHEMICAL FORMULA: PROPRIETARY**

**PRODUCT USE: INDUSTRIAL CLEANER**

**SECTION 1 NOTES:**

**SECTION 2: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW: NON TOXIC**

**ROUTES OF ENTRY:**

**POTENTIAL HEALTH EFFECTS**

**EYES: EYE IRRITANT**

**SKIN: PROLONGED EXPOSURE MAY TEND TO IRRITATE SENSITIVE SKIN**

**INGESTION: MAY CAUSE INDIGESTION**

**INHALATION: MAY CAUSE TEMPORARY SHORTNESS OF BREATH**

**ACUTE HEALTH HAZARDS: N/A**

**CHRONIC HEALTH HAZARDS: N/A**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE SKIN**

**CARCINOGENICITY**

**OSHA: n/a**  **ACGIH: n/a NTP: n/a**   **IARC: n/a**

**OTHER: n/a**

**SECTION 2 NOTES: THE INGREDIENTS OF THIS PRODUCT ARE NOT CARCINOGENIC**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**INGREDIENT:**

**2-BUTOXYETHANOL**

**CAS NO. EINECS % WT % VOL SARA 313 REPORTABLE**

**111-76-2 268-687-1 < 4% < 4% N/A**

**ppm mg/m3**

**OSHA PEL-TWA: 50 242**

**ACGIH TLV-TWA: 25 121**

**SECTION 3 NOTES:**

**SECTION 4: FIRST AID MEASURES**

**EYES: FLUSH WITH POTABLE WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION**

**SKIN: IF IRRITATED, WITHDRAW FROM FURTHER CONTACT. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION**

**INGESTION: DRINK WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION**

**INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS LABORED, GET MEDICAL ATTENTION**

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: At ,4% CS-13 does not possess occupational health rish associated with undiluted 2-butoxyethanol. None of the ingredients of CS-13 are regulated under RCRA, CERCLA orCWA and none are regulated or listed as potential cancer agents by OSHA, NTP or IARC**

**SECTION 4 NOTES:**

**SECTION 5: FIRE-FIGHTING MEASURES**

**FLAMMABLE LIMITS IN AIR, UPPER: N/A**

**(% BY VOLUME) LOWER: N/A**

**FLASH POINT:**

**F: N/A**

**C: N/A**

**METHOD USED: N/A**

**AUTOIGNITION TEMPERATURE:**

**F: N/A**

**C: N/A**

**NFPA HAZARD CLASSIFICATION**

**HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0**

**OTHER: n/a**

**HMIS HAZARD CLASSIFICATION**

**HEALTH: 1 FLAMMABILITY: 0 PHYSICAL HAZARD: 0**

**OTHER: n/a**

**EXTINGUISHING MEDIA: THIS PRODUCT DOES NOT BURN**

**SPECIAL FIRE FIGHTING PROCEDURES: NONE**

**UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE**

**HAZARDOUS DECOMPOSITION PRODUCTS: NONE**

**SECTION 5 NOTES: THIS PRODUCT DOES NOT BURN**

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES: SMALL SPILLS MAY BE FLUSHED TO MUNICIPAL SEWAGE DRAIN OR APPROVED WASTE WATER TREATMENT FACILITY. LARGER SPILLS SHOULD BE ABSORBED, CONTAINED, AND RECYCLED.**

**SECTION 6 NOTES: THIS PRODUCT CAN RENDER FLAT SURFACES EXTREMELY SLIPPERY. BE CAREFUL**

**SECTION 7: HANDLING AND STORAGE**

**HANDLING AND STORAGE: STORE IN LEAK PROOF CONTAINERS IN A COOL PLACE**

**OTHER PRECAUTIONS: NONE**

**SECTION 7 NOTES:**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS: N/A**

**VENTILATION : N/A**

**RESPIRATORY PROTECTION: N/A**

**EYE PROTECTION: OPTIONAL BUT RECOMMENDED**

**SKIN PROTECTION: OPTIONAL BUT RECOMMENDED**

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT: OPTIONAL**

**WORK HYGIENIC PRACTICES: NORMAL**

**EXPOSURE GUIDELINES: NO SPECIAL RULES**

**SECTION 8 NOTES:**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE: CLEAR LIQUID FOAMS EASILY**

**ODOR: SLIGHTLY SWEET SMELL**

**PHYSICAL STATE: LIQUID**

**pH AS SUPPLIED: 9.2**

**pH (Other): N/A**

**BOILING POINT:**

**F: 219**

**C: 104**

**MELTING POINT:**

**F: 18**

**C: -8**

**FREEZING POINT:**

**F: 18**

**C:**  **-8**

**VAPOR PRESSURE (mmHg): 17.5**

**@**

**F: 68**

**C: 20**

**VAPOR DENSITY (AIR = 1): 1.02**

**@**

**F: 68**

**C: 20**

**SPECIFIC GRAVITY (H2O = 1): 1.02**

**@**

**F: 68**

**C: 20**

**EVAPORATION RATE: SAME AS WATER**

**BASIS (=1): 1**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con’t)**

**SOLUBILITY IN WATER: SOLUBLE**

**PERCENT SOLIDS BY WEIGHT: 12%**

**PERCENT VOLATILE:**

**BY WT**/ **BY VOL @ 96%**

**F: 68**

**C: 20**

**VOLATILE ORGANIC COMPOUNDS (VOC):**

**WITH WATER:**   **LBS/GAL VARIES**

**WITHOUT WATER: LBS/GAL < 4%**

**MOLECULAR WEIGHT: MIXTURE (SAME AS WATER)**

**VISCOSITY: 1.04 cSt**

**@**

**F: 100**

**C: 38**

**SECTION 9 NOTES:**

**SECTION 10: STABILITY AND REACTIVITY**

**STABLE UNSTABLE**

**STABILITY:**

**CONDITIONS TO AVOID (STABILITY): THIS PRODUCT IS STABLE**

**INCOMPATIBILITY (MATERIAL TO AVOID): OVER TIME, MAY TEND TO DULL ALUMINUM AND MAGNESIUM**

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE**

**HAZARDOUS POLYMERIZATION: N/A**

**CONDITIONS TO AVOID (POLYMERIZATION): N/A**

**SECTION 10 NOTES:**

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION: THIS PRODUCT HAS BEEN DETERMINED A MILD EYE IRRITANT BY DUKE UNIVERSITY DEPT OF ENVIRONMENTAL HEALTH**

**SECTION 11 NOTES:**

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION: THIS PRODUCT BIODEGRADES 97% IN 28 DAYS**

**SECTION 12 NOTES:**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD: SMALL SPILLS MAY BE FLUSHED WITH WATER**

**RCRA HAZARD CLASS: N/A**

**SECTION 13 NOTES: NO SPECIAL CONSIDERATIONS**

**SECTION 14: TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION THIS PRODUCT IS NOT REGULATED**

**PROPER SHIPPING NAME:**

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENT:**

**WATER TRANSPORTATION THIS PRODUCT IS NOT REGULATED**

**PROPER SHIPPING NAME:**

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENTS:**

**AIR TRANSPORTATION THIS PRODUCT IS NOT REGULATED**

**PROPER SHIPPING NAME:**

**HAZARD CLASS:**

**ID NUMBER:**

**PACKING GROUP:**

**LABEL STATEMENTS:**

**OTHER AGENCIES:**

**SECTION 14 NOTES:**

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A**

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A**

**311/312 HAZARD CATEGORIES: N/A**

**313 REPORTABLE INGREDIENTS: NONE REPORTABLE**

**STATE REGULATIONS: N/A**

**INTERNATIONAL REGULATIONS: N/A**

**SECTION 15 NOTES:**

**SECTION 16: OTHER INFORMATION**

**OTHER INFORMATION:**

**PREPARATION INFORMATION: Prepared by CMT USA**

**DISCLAIMER:**