

MATERIAL SAFETY DATA SHEET

(ESSENTIALLY SIMILAR TO OSHA FORM 20, COMPLIES WITH 29CFR 1910:1200)

HAZARD RATING: HEALTH - 1, FIRE - 2, REACTIVITY - 0

MINIMAL - 0 SLIGHT - 1 MODERATE - 2 SERIOUS - 3 SEVERE - 4

*****SECTION I: GENERAL INFORMATION*****

MANUFACTURER'S NAME: CREATIVE CHEMICALS, INC.
ADDRESS: 88 WINTER STREET
HOLYOKE, MA 01040
TELEPHONE NUMBER: 413-533-8050
DATE ISSUED/REVISED: JUNE 19, 2013
EMERGENCY RESPONSE NUMBER: 1- 800-255-3924 (CHEM-TEL)
FORMULA NO.: C-27
PRODUCT NAME: ORANGE MAGIC
CHEMICAL FAMILY: LIQUID CLEANER DEGREASER

HAZARDOUS MATERIAL DESCRIPTION

(PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)
NONE

*****SECTION II: INGREDIENTS*****

AS LISTED IN EPA 40CFR PARTS 261 & 116 AND/OR MASS. DEQE CMR 670.00

CHEMICAL NAME	CAS NO.	% BY WEIGHT	HAZARD DATA
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CONTAINS NO INGREDIENT THAT IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC, NTP, OR OSHA.

*****SECTION III: PHYSICAL DATA*****

BOILING POINT/RANGE (F): 325
SPECIFIC GRAVITY: .858 (WATER=1)
% VOLATILE BY VOLUME: 90%
EVAP. RATE (BUAC=1): COMP. TO WATER (SLOWER)
WEIGHT/GALLON: 7.15# (WATER=8.33#)
SOLUBILITY IN WATER: DISPERSIBLE (FORMS EMULSION)
VAPOR PRESSURE (MM/HG):NA
PHYSICAL STATE: CLEAR, THIN, LIGHT ORANGE LIQUID
VAPOR DENSITY (AIR=1): COMP. TO WATER (HEAVIER)
ODOR: CITRUS ORANGE

*****SECTION IV: FIRE AND EXPLOSION HAZARD DATA*****

FLASH POINT (METHOD USED): AT 4:1 DILUTION >190 F (TCC)
FLAMMABLE LIMITS: LEL: 70 UEL: 6.1
FIRE EXTINGUISHING MEDIA: WATER FOG, FOAM, GAS (CO2/HALON), DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: PROTECTIVE CLOTHING & NIOSH/MSHA
PRESSURE, DEMAND, SELF-CONTAINED BREATHING APPARATUS. UNOPENED
CONTAINERS SHOULD BE KEPT COOL WITH WATER SPRAY OR REMOVED FROM THE
FIRE AREA IF POSSIBLE AND KEPT COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP AWAY FROM HEAT, SPARKS, AND
OPEN FLAME. THERMAL DECOMPOSITION OR BURNING MAY PRODUCE CARBON
MONOXIDE.

*****SECTION V: HEALTH HAZARD DATA*****

THRESHOLD LIMIT VALUE: NOT ESTABLISHED
PRIMARY ROUTES OF ENTRY: SKIN ABSORPTION, INHALATION
EFFECTS OF OVEREXPOSURE: **ACUTE** - CAN CAUSE SKIN AND EYE IRRITATION.
DERMATITIS THROUGH DEFATTING OF SKIN. MAY CAUSE CONJUNCTIVITIS OF THE
EYE. HARMFUL IF SWALLOWED. **CHRONIC** - PROLONGED EXCESSIVE INHALATION
OF VAPORS CAN CAUSE EYE, NASAL, AND RESPIRATORY TRACT IRRITATION.
EMERGENCY AND FIRST AID PROCEDURES: **INHALATION** - REMOVE TO FRESH AIR. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. IF STOPPED, GIVE ARTIFICIAL RESPIRATION.
GET IMMEDIATE MEDICAL ATTENTION. **EYES** - IMMEDIATELY FLUSH THOROUGHLY
WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, KEEPING LIDS APART. GET
MEDICAL ATTENTION.
SKIN - WASH WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS, SEEK
MEDICAL ATTENTION. REMOVE CLOTHING IF CONTAMINATED. **INGESTION** - DO NOT
INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITY OF WATER. GET
IMMEDIATE MEDICAL ATTENTION FROM PHYSICIAN OR HOSPITAL.

*****SECTION VI: REACTIVITY DATA*****

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: EXTREME HEAT, CONTACT WITH OPEN FLAME, HOT
SURFACES, SPARKS, ETC.
MATERIALS TO AVOID: DO NOT MIX WITH OTHER CHEMICALS, INCLUDING STRONG
OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: MAY PRODUCE CARBON MONOXIDE UPON
DECOMPOSITION AT HIGH TEMPERATURES.

*****SECTION VII: SPILL OR LEAK PROCEDURES*****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN THE
SPILL. WEAR EYE AND SKIN PROTECTION AND ENSURE ADEQUATE VENTILATION.
ABSORB WITH FLOOR ABSORBENT, SAND, DIRT, ETC. PLACE IN CLOSED CONTAINER.
RINSE AREA THOROUGHLY WITH WATER.
WASTE DISPOSAL: DISPOSE OF ACCORDING TO LOCAL REGULATIONS FOR
HAZARDOUS WASTE.

*****SECTION VIII: SPECIAL PROTECTION INFORMATION*****

RESPIRATORY PROTECTION: NONE REQUIRED IF ADEQUATE VENTILATION. IF HIGH
CONCENTRATIONS, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPOR.
VENTILATION TYPE: LOCAL EXHAUST ADEQUATE.
PROTECTIVE GLOVES: SOLVENT RESISTANT GLOVES
EYE PROTECTION: SAFETY GLASSES, GOGGLES, OR FULL FACE SHIELD.
OTHER PROTECTIVE EQUIPMENT: SOLVENT RESISTANT APRON, CLOTHING, BOOTS.

*****SECTION IX: SPECIAL PRECAUTIONS*****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN A COOL AREA. DO
NOT GET ON SKIN, EYES, OR CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. USE
WITH ADEQUATE VENTILATION. IF SPILLED ON CLOTHING, REMOVE CLOTHING AND
FLUSH OFF EXPOSED SKIN WITH SOAP AND WATER. AVOID BREATHING VAPORS. DO
NOT TAKE INTERNALLY. USE PROPER PROTECTIVE EQUIPMENT.
OTHER PRECAUTIONS: AVOID CONTACT WITH OPEN FLAMES, HOT SURFACES, SPARKS,
ETC. KEEP OUT OF THE REACH OF CHILDREN