

CRETE COLORS INTERNATIONAL, LLC

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER/SUPPLIER	Crete Colors International, LLC 112 South Kyrene Rd, Suite 2 Chandler, AZ 85226	FOR CHEMICAL EMERGENCY Spill, Leak, Fire, Exposure or Accident: CALL INFOTRAC – Day or Night: Outside the United States Call Collect:	800/535-5053 352/323-3500
PRODUCT TRADE NAME:	C ² Clean™		

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	Common Name	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Octyldimethylamine Oxide	Octyldimethylamine Oxide	2605-78-9	2,1,0,-	Not established	Not established
1-Decanamine, N,N-dimethyl-, N-oxide	Decyldimethylamine Oxide	2605-79-0	1,1,0,-	Not established	Not established

III TYPICAL PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Octyldimethylamine Oxide	212 °F(100°C)	N/A	N/A	N/A
Decyldimethylamine Oxide	212 °F(100°C)	N/A	N/A	N/A
	SPECIFIC GRAVITY	pH	SOLUBILITY IN WATER	APPEARANCE AND ODOR
C ² Clean™	1.000	7.6	100%	Clear orange liquid, fresh, clean odor

IV FIRE AND EXPLOSION HAZARD DATA

EMERGENCY OVERVIEW

C² Clean™ is a clear orange liquid with a fresh, clean odor. Concentrate contact with eyes may cause irritation. Skin contact may result in irritation. Always wear appropriate personal protective equipment when using this product.

FLASH POINT (METHOD): >212°F (ASTM D 3278)

FLAMMABLE LIMITS: Not applicable.

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There are no known unusual fire or explosion hazards.

V HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Eye and skin contact.

CARCINOGEN INFORMATION: Contains no listed carcinogens.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Pre-existing skin and eye disorders may be aggravated by exposure to this product.

EFFECTS OF OVEREXPOSURE: **Acute:** Concentrate eye contact may cause eye irritation. Ready-to-use solution contact with eyes and skin may result in irritation. Ingestion may result in gastric disturbances. **Chronic:** None anticipated.

EYE CONTACT: Concentrate contact may cause moderate eye irritation. Ready-to-use dilution contact may irritate eyes, producing redness and swelling of the conjunctiva.

SKIN CONTACT: This product may cause skin irritation.

INHALATION: Mists or vapors may be irritating to upper respiratory tract, although this is not expected to be a relevant route of exposure.

INGESTION: May cause nausea and vomiting, as well as other gastric disturbances. Not expected to be a relevant route of exposure.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush exposed area with clean water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Immediately flush exposed area with clean water to remove all residues. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 30 cc (2 Tablespoons) syrup of Ipecac.* If Ipecac is unavailable, give two glasses of water and induce vomiting by touching finger to the back of the victim's throat. Keep victim's head below hips while vomiting. Get medical attention.

* If victim is a child, give no more than one glass of water and 15 cc (1 Tablespoon) syrup of Ipecac. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

VI REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide and other unidentified organic compounds may be formed during combustion.

VII SPILL OR LEAK PROCEDURES

SPILL, LEAK, WASTE DISPOSAL PROCEDURES: CAUTION: Wear appropriate protective safety equipment to prevent skin and eye contact. Dike area to contain spilled material and use inert absorbent or a wet-vac to pick up material for disposal.

WASTE DISPOSAL METHODS: This product is readily biodegradable in wastewater treatment processes. Based on Federal EPA solid waste definitions and waste water pretreatment guidelines, rinse water generated during the use of this material can be disposed of to sanitary sewer. The product as supplied is not classified as a hazardous waste under federal regulations. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None necessary using common application methods.

VENTILATION: No special ventilation required.

PROTECTIVE CLOTHING: Wear protective clothing and rubber boots as necessary to minimize contact.

PROTECTIVE GLOVES: Wear impermeable gloves as needed to avoid prolonged contact.

EYE PROTECTION: Wear eye protection appropriate to eliminate splash hazards to eyes and suitable for jobsite dilution and application methods. Do not wear contact lenses because they may contribute to the severity of an eye injury.

OTHER PROTECTIVE EQUIPMENT: Eyewash should be accessible from work area. Provide fresh water for body rinsing.

IX SPECIAL PRECAUTIONS

WORK PRACTICES: Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-target surfaces. Do not atomize during application. See the Product Data sheet and label for precautions to be taken during use.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not take internally. Store in a cool, dry, well-ventilated place.

Keep containers closed when not dispensing product. Use care around spilled material because it will be slippery.

OTHER PRECAUTIONS: Wash thoroughly after handling. Do not eat, drink, or smoke in work areas.

X REGULATORY INFORMATION

SHIPPING: This product is not regulated in domestic or international shipment.

SARA 313: Contains no listed ingredients.

HMIS Ratings: Concentrate = 1,0,0,X Ready-to-use solution = 1,0,0,X

XI OTHER

MSDS Status: **Date of Revision:** July 13, 2011

For Product Manufactured After: N/A – No formulary change

Changes: Manufacturer/Supplier Address Updated, Section I

Item #: PLC246030

Approved By: Regulatory Department

DISCLAIMER:

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **Crete Colors International, LLC expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

DATE OF PREPARATION: July 13, 2011