

Material Safety Data Sheet
Oreck Python

Oreck Floor Care
13231 Champions Forest Dr. Suite 404
Houston, TX 77069
Emergency Phone Number: 281-866-0027

DATE PREPARED: 08/06/12
REVISION DATE: 12/09/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 5470

SECTION I - IDENTIFICATION

PRODUCT NAME: Oreck Python
PRODUCT USE: Foaming evaporator coil cleaner

PRODUCT CODE: 5470

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Water	7732-18-5	Not Established	Not Established
2-Butoxyethanol	111-76-2	50 ppm	20 ppm
Propane/n-Butane	68476-86-8	1000 ppm	1000 ppm
Isopropyl Alcohol	67-63-0	500 ppm	400 ppm
Ethylenediaminetetraacetic Acid (EDTA)	60-00-4	15 mg/m3	Not Established

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to temperatures above 120°F or store in direct sunlight, may develop pressure and cause can to burst.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes mild irritation.

INGESTION: May cause gastrointestinal irritation, abdominal cramps.

INHALATION: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

SKIN: May cause mild irritation, dryness with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: None known

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

SECTION IV - FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes. Seek medical attention if irritation develops.

INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: Not Tested (Liquid is Water Based)

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: N/A LOWER: N/A

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, water spray for cooling.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Not determined

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SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label instructions exactly.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust recommended.

RESPIRATORY PROTECTION: Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

PROTECTIVE CLOTHING: Safety glasses and chemical resistant gloves are recommended.

ADDITIONAL MEASURES: Wash hands thoroughly after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam

PHYSICAL STATE: Liquid

FREEZING POINT: < 32°F (0°C)

VAPOR DENSITY (AIR=1): < 1

SPECIFIC GRAVITY (H₂O=1): 1.00 @ 77° F (25° C)

SOLIDS (%): Not tested

VOLATILITY INCLUDING WATER (%): > 80%

DIELECTRIC STRENGTH (Volts): N/A

ODOR: Citrus scent, moderate ammonia odor

BOILING POINT: > 212°F (100°C)

VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)

EVAPORATION RATE: < 1

pH: 12.3

SOLUBILITY IN WATER: 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 16%

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120°F and sources of ignition.

INCOMPATIBILITY: Strong acids, strong alkalis, strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: 2-Butoxyethanol (111-76-2) LD₅₀ (Oral, Rat) 470 mg/kg; LC₅₀ (Inhalation, Rat, 4hr) 450 ppm;

LD₅₀ (Dermal, Rabbit) 220 mg/kg Isopropyl Alcohol (67-63-0) LD₅₀ (Oral,Rat) 5045 mg/kg; LD₅₀ (Oral, Rabbit) 5045 mg/kg;

LD₅₀ (Dermal, Rabbit) 12,800 mg/kg; LC₅₀ (Inhalation, Rat, 8hr) 16,000 ppm

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LC₅₀ (Fathead Minnow, 96 hrs) 100,000 mg/L

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SECTION XIII – DISPOSAL CONSIDERATIONS

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RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Consumer commodity
ORM-D

HAZARD CLASS/DIVISION: 2.2

PACKAGING GROUP: n/a

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Non-Flammable

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Non-Flammable

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN 1950

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 313 REPORTABLE INGREDIENTS: **2-Butoxyethanol** (111-76-2)

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None **2-Butoxyethanol** (111-76-2) Right-to-Know acts for New Jersey, Massachusetts, Pennsylvania, Rhode Island, Illinois, Florida, Minnesota; Massachusetts spill list

INTERNATIONAL REGULATIONS: **2-Butoxyethanol** (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER:

HMIS PROTECTION: A

EPA REG NO: EPA Reg. No. 44446-23

FIFRA Information: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA HAZARD INFO: CAUTION: Causes moderate eye irritation. Avoid contact with skin or clothing. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Tad Hebdon

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