

Material Safety Data Sheet
Oreck Staf

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

DATE PREPARED: 02/01/2013
REVISION DATE: 12/09/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 3290

SECTION I - IDENTIFICATION

PRODUCT NAME: Oreck Staf
PRODUCT CODE: 3290
PRODUCT USE: Disinfectant/Deodorant

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Propane/n-Butane	68476-85-7	N/A	1000 ppm
Isopropyl Alcohol	67-63-0	400 ppm	200 ppm
Triethylene Glycol	112-27-6	N/A	N/A

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Extremely Flammable! Aerosol under pressure do not expose to high temperatures above 120° F or store in direct sunlight may develop pressure and cause can to burst. Keep away from heat, sparks or open flame.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes moderate to severe irritation, redness, tearing, pain

INGESTION: Not a likely route of exposure under normal product handling conditions. Harmful if swallowed. May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested. Small amounts unlikely to cause irritation.

INHALATION: Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

SKIN: Contact with liquid can freeze tissue similar to thermal burn.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.

INGESTION: Do not induce vomiting. Rinse mouth and give 1-2 glasses of water if conscious and alert. Contact physician.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: 80° F TCC

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

EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water fog.

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 contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable Contents under pressure. Exposure to temperatures above 120 F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Contains flammable propellant.

HAZARDOUS COMBUSTION PRODUCTS: None known

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Keep in a cool, dry, locked area inaccessible to children and away from sources of heat and ignition (including flames, sparks, hot surfaces, and sunlight).

OTHER PRECAUTIONS: Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal. If damaged or leaking, soak up and wrap any waste, then dispose of as below.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

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

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

PHYSICAL STATE: Aerosol Spray

FREEZING POINT: Not Tested

VAPOR DENSITY (AIR=1): > 1 @ 77°F (25°C)

SPECIFIC GRAVITY (H₂O=1): 0.88 @ 77° F (25° C)

SOLIDS (%): Not tested

VOLATILITY INCLUDING WATER (%): 100%

DIELECTRIC STRENGTH (Volts): N/A

ODOR: Medicinal, mild scent

BOILING POINT: >170°F

VAPOR PRESSURE (mm Hg): 44 @ 77°F (25°C)

EVAPORATION RATE: > 1

pH: 10.2

SOLUBILITY IN WATER: 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120°F may cause bursting.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: 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

WASTE DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Deodorant, N.O.S.

HAZARD CLASS/DIVISION: ORM-D

PACKAGING GROUP:

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

UN/NA NUMBER: UN 1950

HAZARD CLASS/DIVISION: 2.1

PACKAGING GROUP: None

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

UN/NA NUMBER: UN 1950

HAZARD CLASS/DIVISION: 2.1

PACKAGING GROUP: None

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Acute Health, Fire

SARA 313 REPORTABLE INGREDIENTS: Isopropyl Alcohol (67-63-0)

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 1
NFPA FLAMMABILITY: 2
NFPA REACTIVITY: 1
NFPA OTHER: N/A

HMIS HEALTH: 1
HMIS FLAMMABILITY: 2
HMIS REACTIVITY: 1
HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Stephanie Coleman

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