



FreshAWL® DF-702™
MATERIAL SAFETY
DATA SHEET

FreshAWL, LLC
1950 Olivera Rd., Suite D
Concord, CA 94520
EMERGENCY TELEPHONE: (800) 424-9300

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PRODUCT INFORMATION: H M I S
HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 1
PERSONAL PROTECTION: C

II. PRODUCT IDENTIFICATION

Product Name: FreshAWL® DF-702™
Synonyms: Coke Descaler
Chemical Family: Solvent

CAS NO: None

III. HAZARDS IDENTIFICATION

COMPONENT: NONE

OSHA PEL	CAS #	ACGIH TLV
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IV. PHYSICAL PROPERTIES

MELTING POINT: 13°F
BOILING POINT (°F): 212°F
VAPOR PRESSURE (mm Hg): <2 mm Hg
VAPOR DENSITY (AIR=1): 3-4
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Clear solution with slight yellowing

SPECIFIC GRAVITY: 1.04
PERCENT VOLATILE (BY WEIGHT): 90%
EVAPORATION RATE: Medium
pH: 11-12

V. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (°F): <185°F

FLAMMABLE LIMITS: LEL 1-2%
UEL 8-9%

EXTINGUISHING MEDIA: WATER X ALCOHOL FOAM X CO2 X DRY CHEMICAL X
SPECIAL FIREFIGHTING PROCEDURES: USE STANDARD FIREFIGHTING TECHNIQUES TO FIGHT FIRES INVOLVING THIS MATERIAL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS MAY BE HEAVIER THAN AIR AND MAY TRAVEL THE GROUND TO IGNITION SOURCE AND FLASH BACK.

VI. REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBILITY: STRONG OXIDIZING AGENTS AND STRONG ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE

CONDITIONS TO AVOID: OPEN FLAMES
CONDITIONS TO AVOID: HIGH TEMPS

VII. PERSONAL PROTECTIVE EQUIPMENT INFORMATION

RESPIRATORY PROTECTION: USE RESPIRATOR IF SPRAYING CONCENTRATES; NONE NEEDED FOR NORMAL USE.
PROTECTIVE GLOVES: BUTYL, LATEX OR RUBBER TO PROTECT FROM EXPOSURE.
EYE PROTECTION: When using this product for cleaning, safety eyewear is recommended. When transferring this product from container to container wearing goggles or face shield is recommended to avoid possible splash.
VENTILATION: LOCAL OR MECHANICAL RECOMMENDED.
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED.

VIII. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NONE ESTABLISHED
LC50 FOR RAINBOW TROUT: UNKNOWN
ACUTE TOXICITY DATA: RAT oral LD-50 > 3,000 mg/kg
EFFECTS OF OVEREXPOSURE: NONE KNOWN



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INHALATION: INHALATION OF HIGH CONCENTRATIONS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.
DERMAL: LIQUID CONTACT CAN CAUSE IRRITATION
EYE CONTACT: CAN CAUSE MILD IRRITATING AND REDNESS, SOME PEOPLE CAN BECOME SENSITIZED.
ORAL: MAY CAUSE STOMACH ACHE OR IRRITATION
KNOWN EFFECTS ON OTHER ILLNESSES: NONE KNOWN

LISTED CARCINOGEN: NONE: X OSHA: NTP: 1ARC: OTHER:

IX. EMERGENCY AND FIRST AID PROCEDURES

SKIN: FLUSH WITH WATER-PROLONGED CONTACT CAN CAUSE IRRITATION OR ALLERGIC DERMATITIS.
EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION IS RELIEVED.
INHALATION: IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERSON CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF NOT BREATHING GIVE OXYGEN.
INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. IF PERSON IS CONSCIOUS GIVE WATER TO DILUTE STOMACH CONTENT.
NOTE TO PHYSICIAN: NONE

X. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF A SPILL
VENTILATE AREA. REMOVE OPEN FLAMES. USE SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AND CONFINED AREAS.
WASTE DISPOSAL INFORMATION: COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

RCRA HAZARDOUS WASTE: YES NO X RQ: lbs. UN/NA NO.
SHIPPING NAME: CLEANING COMPOUND, NOT DOT REGULATED
HAZARD CLASSIFICATION: NONE

XI. ADDITIONAL INFORMATION

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 and ANSI Z400 1-2004. This information should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. FreshAWL believes this information to be reliable and up to date as of this publication date, but make no warranty that it is. If this MSDS is more than three years old, you should contact the supplier to make sure the information is still current.