I. PRODUCT INFORMATION:  

H M I S  

Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: C  

II. PRODUCT IDENTIFICATION  

Product Name: FreshAWL® WOW-Air S™  
Synonyms: None  
Chemical Family: Cleaning Compound  
OSHA CAS#: SARA 313  
COMPONENT  

RQ #  TWA STEL* WEEL*  

NE* None Organo–imino Complex None NE NE NE NE  

Other than those listed, there are no ingredients with ACGIH exposure limits present at 1% or more, and no known **TWA= Time Weighted Average; STEL= Short Term Exposure Limit; WEEL= Workplace Employee Exposure Level. NE = Not evaluated. NA = Not applicable.  

III. HAZARDS IDENTIFICATION  

OSHA Hazard Classification: Health hazard. Harmful if swallowed. Irritating to eyes, skin, and respiratory system.  

Hazard Description: Moderate health hazard. Severe eye irritant. Ingestion hazard.  

Particular Dangers: Harmful if swallowed and by inhalation. Irritating to eyes, skin and respiratory system.  

Routes of Entry: Eye, inhalation, skin  

Chemical Interactions: Avoid contact with acids and oxidizing agents.  

Medical Conditions Aggravated: None known  

Human Threshold Response Data  

Odor Threshold: Not Established  

Irritation Threshold: Not Established  

Immediate Health Effects  

Inhalation Toxicity: None Known  

Inhalation Irritation: None Known  

Skin Contact: Repetitive exposure may de-fat, dry and irritate the skin  

Skin Absorption: Not a recognized hazard.  

Eye Contact: Exposure may cause severe irritation including a burning sensation, tearing, redness and swelling.  

Ingestion Irritation: Can cause gastrointestinal discomfort including nausea, vomiting, lethargy, and diarrhea.  

Ingestion Toxicity: None Known  

Acute Target Organ Toxicity: None  

Prolonged (Chronic) Health Effects  

Carcinogenicity: This product is not known or reported to be carcinogenic by any reference source including, IARC, OSHA, NTP or EPA  

Reproductive and Developmental Toxicity: None known  

Sensitization: Not a sensitizer according to EPA guidelines  

Inhalation: None known  

General prolonged or repeated exposure may cause eye, liver, kidney or lung damage.  

Chronic Target Organ Toxicity: None  

Supplemental Health Hazard Information: Acute and chronic toxicity of this product is not considered to be fully known.  

IV. 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 dissipates.  

INHALATION: Immediately remove person 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 contents.  

V. FIREFIGHTING MEASURES  

FLASH POINT (°F): >200ºF  

FLAMMABLE LIMITS: LEL NONE UEL NONE  

EXTINGUISHING MEDIA: WATER X ALCOHOL FOAM X CO2 X DRY CHEMICAL X  

Do not allow contaminated water to enter storm drains or open waterways.  

FIRE FIGHTING INSTRUCTIONS: Use normal firefighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers. Product may float on water if spilled.  

VI. ACCIDENTAL RELEASE MEASURES  

Personal Protection for Emergency Situations: Evacuate the area of all unnecessary personnel.  

Spill Mitigation Procedures  

Air Release: Vapors may be suppressed by the use of water fog. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of stipulated quantities (RQ). US Coast Guard National Response Center is 800-424-8802.  

Water Release: This material is soluble in water. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. If not contaminated with other chemicals, this can be disposed of in a sanitary sewer.  

Land Release: Create a dike or trench to contain materials. Absorb spill, or pump to liquid storage for disposal in a sanitary sewer or landfill. Decontaminate all clothing and the spill area using detergent and flush with large amounts of water; contain water for disposal in sanitary sewer.  

Additional Spill Information: Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Section XIII, Disposal Considerations.
III: HANDLING AND STORAGE
Handling: Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash with water. Avoid breathing vapor or mist. Electrically ground all equipment when handling this product. Retained residue may make empty containers hazardous. USE CAUTION! Storage: Keep container closed. Store in a cool, ventilated area away from oxidizers and acids.

VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION
Ventilation: Local exhaust ventilation or other engineering controls are normally not required when handling this product. Rather, use general exhaust ventilation if that is sufficient for general worker safety and comfort. A NIOSH/MSHA approved air supplied respirator may be necessary in the absence of adequate ventilation. Protective Equipment for routine use of Product: Respiratory Protection: See previous paragraph. Material should be handled with proper ventilation. For open use of the product, minimize exposed wet area. Respirator Type(s) Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres or if exposure concentrations exceed 10 (10) times the published limit. Skin: Wear impervious gloves (butyl rubber, Viton, etc.) to avoid skin contact. Practice good industrial hygiene. Eyes: 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. Protective Clothing Type: Impermeable. NIOSH Level Immediately Dangerous to Life or Health: Not Available.

IX: PHYSICAL PROPERTIES
Physical State: Liquid
Color: Slight Yellow
Odor: Characteristic
Melting Point: 13°F
Boiling Point (°F): 200°F
Vapor Pressure (mm Hg): UNKNOWN
Vapor Density (Air=1): >1
Solubility in Water: SOLUBLE
Appearance and Odor: CLEAR, FOAMY SOLUTION

X: REACTIVITY DATA
Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Incompatibility: ACIDS
Hazardous Combustion Products: Oxides of Carbon and Nitrogen

XI: TOXICOLOGICAL INFORMATION
Aquatic Toxicity: LC₅₀/₉₆-rainbow trout 5,000 ppm
Component Animal Toxicology
Oral LD₅₀ value mg/kg: None
Dermal LD₅₀ value mg/kg: None
Inhalation LC₅₀: None
Component Fetal Effects: Tests with lab animals have not resulted in birth defects, testicular damage or sperm damage from this product.
Skin Irritation: This material may be slightly irritating.
Eye Irritation: This material may be irritating, and may be potentially damaging.
Reproductive and Developmental Toxicity: None
Mutagenicity: None
Carcinogenicity: None, including reporting by IARC; OSHA; NTP or EPA.

XII: ECOLOGICAL INFORMATION
Ecological Toxicity Values:
Environmental fate: Expected to be inherently biodegradable from studies on similar materials.
Environmental Toxicity: No information found.

XIII: DISPOSAL INFORMATION
WASTE DISPOSAL INFORMATION: Comply with Local, State and Federal Regulations. Avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues, and containers in compliance with all relevant local, state and federal laws.
Waste Disposal Summary: This product has none of the characteristics of a hazardous waste. Disposal Methods: Dispose of in accordance with local, state and federal regulations.
Disposal preferred in sanitary sewer.
Components subject to land ban restrictions: No components subject to land ban restrictions. Do not release to environment without appropriate permits.

XIV: TRANSPORTATION INFORMATION
Proper Shipping Name: Cleaning Compound Chemical, Not DOT Regulated
RQ: Unknown

XV: REGULATORY INFORMATION
United States:
Toxic Substances Control Act (TSCA): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances
Superfund Amendments and Reauthorization Act (SARA) Title III: See section III of this MSDS
Hazard Categories Sections 311/312(40CFR 370.2):
Health: Acute: NO Chronic: NO Physical: Not Regulated
Emergency Planning and Community Right to Know (40CFR 313, App A): Not applicable
Reportable Quantity (40CFR 302.4): None
Supplier Notification Requirements (40 CFR 372.45). 313 Reportable Components; See section II above

State Right-To-Know Regulations Status of Ingredients:
Pennsylvania: No information; New Jersey: No information; Massachusetts: No information

XVI: 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.