OSHA Immediate HMIS Personal FLASH V.

Synonyms: Chemical Do EXTINGUISHING INHALATION: Chronic Carcinogenicity: Prolonged Acute Ingestion Skin Skin Inhalation "NO" Hazard NFPA Chemical Routes Hazard

HEALTH:

PRODUCT INFORMATION: H M I S

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: C

II. PRODUCT IDENTIFICATION

Product Name: FreshAWL OSR™ (Oil Spill Remedy)

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: May affect mucous tissue and/or aggravate mucous membrane disorder.

Human Threshold Response Data

Odor Threshold: Not Established

Irritation Threshold: Not Established

Hazard Category Classifications and Ratings

Hazard Categories: Health Fire Pressure Reactivity Reference 49 CFR 171.8
Immediate YES NO NO NO OSHA 29 CFR 1910.1200 and Delivered NO NO NO NO SARA 302/311/312/313

HMIS Hazard Ratings: Health 1 Fire 0 Reactivity 0 Other: C (Goggles, gloves)

NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special N/A

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

"NO" in Delayed Fire hazard category indicates lack of a spontaneous combustion hazard

Immediate Health Effects

Inhalation Toxicity: Harmful if Swallowed

Inhalation Irritation: Harmful if Swallowed

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: See section IV

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

Chronic Target Organ Toxicity: None, including reporting by IARC< OSHA< NTP or EPA.

Supplemental Health Hazard Information: None, including reporting by IARC< OSHA< NTP or EPA.

IV. EMERGENCY AND FIRST AID PROCEDURES

SKIN: Flush with water–prolonged contact can cause irritation or allergic dermatitis. Remove contaminated clothing.

EYES: Flush with water for at least 15-minutes or until irritation dissipates. Consult a doctor.

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. Do not induce vomiting; risk of lung damage exceeds poisoning risk. Obtain emergency medical attention.

V. FIREFIGHTING MEASURES

FLASH POINT [°F]: 213°F 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.
VII. 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 is also required 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 ten (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: Impervious.

NIOSH Level Immediately Dangerous to Life or Health: Not Available.

IX. PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Slight Yellow</td>
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<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Freezing Point (°F)</td>
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<td>Freezing Point (°C)</td>
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<td>Boiling Point (°F)</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Percent Volatiles (By Weight)</td>
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<tr>
<td>Vapor Pressure (mm Hg)</td>
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<tr>
<td>Evaporation Rate</td>
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<tr>
<td>Vapor Density (Air:1)</td>
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<tr>
<td>pH</td>
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<tr>
<td>Solubility in Water</td>
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X. REACTIVITY DATA

<table>
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<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Stability</td>
<td>STABLE</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>WILL NOT OCCUR</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>ACIDS</td>
</tr>
<tr>
<td>Hazardous Combustion Products</td>
<td>Oxides of Carbon and Nitrogen, CO, CO2, NOx, amine vapors</td>
</tr>
</tbody>
</table>

XI. TOXICOLOGICAL INFORMATION

Aquatic Toxicity:

- LC50/96-rainbow trout: 5,000 ppm

Component Animal Toxicology

- Oral L50 value: mg/kg: None
- Dermal L50 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 slightly irritating, prolonged exposure may be damaging.
- Reproductive and Developmental Toxicity: See “Component fetal effects” above in this section.
- Carcinogenicity: None, including reporting by IARC, NTP or EPA.

XII. ECOLOGICAL INFORMATION

Environmental fate: Expected to be inherently biodegradable from studies on similar materials.
Environmental Toxicity: No information found.

XIII. DISPOSAL INFORMATION

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.
RCRA HAZARDOUS WASTE: NO X RQ: Unknown lbs. UN/NA NO. Not assigned

XIV. TRANSPORTATION INFORMATION

Proper Shipping Name: Cleaning Compound Chemical, Not DOT Regulated

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
- Emergency Planning and Community Right to Know (40CFR 315, App A): Not applicable
- 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.