

SAFETY DATA SHEET

O03W
Freiborne Oil 3W

Mar 16, 2015

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID : O03W
Product Name : Freiborne Oil 3W
Revision Date : Mar 16, 2015 **Date Printed :** Jul 14, 2015
Version: 1.0 **Supersedes Date :** N.A.
Manufacturer's Name : Freiborne Industries, Inc
Address : 15 W. Silverdome Industrial Park Pontiac, MI, US, 48342
Emergency Phone : 800-424-9300
Information Phone : 248-333-2490
Fax :
Product/Recommended Uses: Corrosion Inhibitor

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Serious Eye Damage - Category 1

Pictograms:



Signal Word:

Danger

Hazardous Statements - Health:

H318 - Causes serious eye damage

Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.

Precautionary Statements - Prevention:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTER or doctor/?

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% by Weight
0064742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	40% - 70%
0008002-74-2	PARAFFIN WAX FUME	5% - 30%
0068608-26-4	SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	10% - 20%

SECTION 4) FIRST-AID MESURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

Skin Contact:

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Eye Contact:

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor/. If vomiting occurs naturally, lie on your side, in the recovery position.

Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry Chemical
Alcohol Foam
Carbon Dioxide

Unsuitable Extinguishing Media:

Water may be ineffective but can be used to cool containers exposed to heat or flame.

Water spray may also be used to control vapors.

Fire-fighting Procedures:

As in any fire, wear self-contained breathing apparatus and full protective gear.

Specific Hazards in Case of Fire:

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Recommended Equipment:

Use protective gloves, boots, goggles or face shield, and clothing. Avoid contact with skin and eyes.

Personal Precautions:

Avoid breathing vapor. Avoid contact with skin, eye or clothing.

Emergency Procedure:

Flammable/combustible material. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stay upwind; keep out of low areas. Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up:

Remove all sources of ignition.

Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with a suitable absorbent and then place in a corrosion resistant chemical waste container. Do not allow spillage into sewers, streams or storm conduits.

SECTION 7) HANDLING AND STORAGE

General:

Wash hands after use.
 Do not get in eyes, on skin or on clothing.
 Do not breathe vapors or mists.
 Use good personal hygiene practices.
 Eating, drinking and smoking in work areas is prohibited.
 Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Wear gloves, long sleeved shirt, long pants and other protective clothing as required to minimize skin contact.

Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA-Tables-Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	500	2000			1							
PARAFFIN WAX FUME									2			
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	500	2000			1							

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC				
PARAFFIN WAX FUME		2		

SULFONIC ACIDS, PETROLEUM, SODIUM SALTS				
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SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	7.73625 lb/gal
% Solids By Weight	40.00000%
Density VOC	4.64158 lb/gal
% VOC	59.99774%
VOC Actual	4.64158 lb/gal
VOC Actual	556.20002 g/l

Appearance	Dark amber liquid with petroleum odor
Odor Threshold	N.A
Odor Description	petroleum odor
pH	8 - 10.5 (5% solution)
Water Solubility	Emulsifiable in water
Flammability	Flash Point at or above 200 °F
Flash Point Symbol	N.A
Flash Point	360 °F
Viscosity	N.A
Lower Explosion Level	N.A
Upper Explosion Level	N.A
Vapor Pressure	5 mmHg
Vapor Density	Not Determined
Freezing Point	<0 °C
Melting Point	N.A
Low Boiling Point	100
High Boiling Point	N.A
Auto Ignition Temp	N.A
Decomposition Pt	0
Evaporation Rate	Less than water
Coefficient Water/Oil	N.A.

SECTION 10) STABILITY AND REACTIVITY

Stability:

Stable at ambient and operating temperatures.

Conditions to Avoid:

Keep away from flam, heat (200°F maximum) and strong oxidizing agents.

Hazardous Reactions/Polymerization:

No hazardous reactions under normal handling/processing

Incompatible Materials:

Strong Oxidizers

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide & Sulfur Dioxide.

Oxides of Barium.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

No Data Available

Carcinogenicity:

No Data Available

Serious Eye Damage/Irritation:

Causes serious eye damage

Respiratory/Skin Sensitization:

No Data Available

Germ Cell Mutagenicity:

No Data Available

Reproductive Toxicity:

No Data Available

Specific Target Organ Toxicity - Single Exposure:

No Data Available

Specific Target Organ Toxicity - Repeated Exposure:

No Data Available

Aspiration Hazard:

No Data Available

Acute Toxicity:

No Data Available

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

SECTION 12) ECOLOGICAL INFORMATION

Toxicity:

No Data Available

Bio-accumulative Potential

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

Contains constituents with the potential to bioaccumulate.

Mobility in Soil

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA, it is the responsibility of the user of the product, to determine a the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information:

Not D.O.T. Regulated

Refer to Bill of Lading

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0064742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	40% - 70%	SARA312,TSCA
0008002-74-2	PARAFFIN WAX FUME	5% - 30%	SARA312,TSCA
0068608-26-4	SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	10% - 20%	SARA312,TSCA
0061790-48-5	sulfonic acid	1.0% - 5.0%	SARA312,TSCA

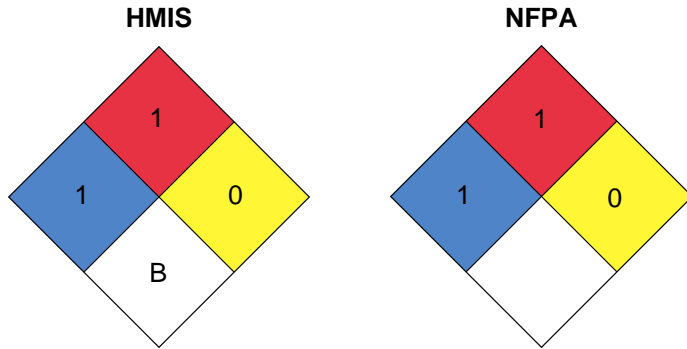
SECTION 16) OTHER INFORMATION

OTHER INFORMATION:

FOR INDUSTRIAL USE ONLY. Do not use this product without reading the process specification.

GLOSSARY:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.



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