



SAFETY DATA SHEET

Origens Floor Cleaner

Revision 1
Revision Date: 03-Jan-2019

1. COMPANY AND PRODUCT IDENTIFICATION

| | |
|---|--|
| Product Name | Origens Floor Cleaner |
| Description | Turbid liquid with characteristic odor |
| Other means of Identification | None |
| Recommended Use | Cleaner and bacterial treatment |
| Uses advised against | No information available |
| Supplier Name Supplier Address | Mar Y Sol Products LLC 2322 Ironwood Hill Ct Dacula, Ga. 30019 |
| Supplier Phone Number Supplier Email | +1 (470) 955 3207 |

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label Elements, including Precautionary Statements

Signal Word None

Hazard Statements None

Precautionary Statements – Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves and eye protection.

Precautionary Statements – Response

See First Aid Measures Section

Skin

IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Other information

May cause mild skin irritation

Repeated or prolonged skin contact may cause allergic reactions in susceptible persons.

Interactions with Other Chemicals

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a buffered and preserved aqueous solution containing surfactants, builders and naturally-occurring viable bacterial cultures.

HAZARDOUS INGREDIENTS

| <u>Name</u> | <u>CAS #</u> | <u>% BY WEIGHT</u> | <u>TRADE SECRET</u> |
|--------------------|---------------------|---------------------------|----------------------------|
|--------------------|---------------------|---------------------------|----------------------------|

4. FIRST AID MEASURES

First aid measures

| | |
|------------------------------|---|
| <u>General Advice</u> | Show this safety data sheet to the Doctor in attendance |
| <u>Eye Contact</u> | Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician. |
| <u>Skin Contact</u> | Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions, see a physician. |
| <u>Inhalation</u> | Remove to fresh air. |
| <u>Ingestion</u> | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

May cause itching, rashes, and/ or hives on susceptible persons.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Product may cause skin irritation on susceptible persons.

Uniform Fire Code Liquid

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No

Sensitivity to Static Discharge No

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin and eyes

Environmental precautions

Refer to protective measures listed in Sections 7 and 8

Methods and material for containment and cleaning up

Containment Prevent further leakage or spillage if safe to do so.

Cleaning up Pick up and transfer to properly labelled containers. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid prolonged contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed.
Incompatible Products Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate Engineering Controls

Engineering Measures Showers, Eyewash stations, Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.

Skin and Body Protection None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practices.

Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | |
|-----------------------|--------------------------|
| Physical State | Liquid |
| Appearance | Turbid |
| Odor | Characteristic |
| Odor threshold | No information available |

Property

| | |
|---|-------------------|
| pH | 6.5 – 8.8 |
| Melting/Freezing Point | No data available |
| Boiling Point/ Boiling Range | 100 °C / 212 °F |
| Flash Point | None |
| Evaporation Rate | No data available |
| Flammability (solid, gas) | None |
| Upper/Lower flammability Limits | No data available |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific Gravity | 1.00 |
| Water Solubility | Dispersible |
| Solubility in other solvents | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Autoignition Temperature | No data available |
| Viscosity | Water-thin |
| VOC Content (%) | None |

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Do not exposed to extreme temperatures for long periods of time. Close containers when not in use.

Incompatible Materials

Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Specific test data for the mixture is not available. |
| Eye Contact | Specific test data for the mixture is not available. |
| Skin Contact | Specific test data for the mixture is not available. May cause sensitization by skin contact on prolonged exposure on susceptible persons. |
| Ingestion | Specific test data for the mixture is not available. |

Component Information No information available.

Information on toxicological effects

Symptoms Possible itching, rashes, and hives on susceptible persons.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|---|
| Sensitization | May cause sensitization of susceptible persons. May cause sensitization by prolonged skin contact |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains no ingredient listed as a carcinogen. |
| Reproductive Toxicity | No information available. |
| STOT – single exposure | No information available. |
| STOT – repeated exposure | No information available. |
| Chronic Toxicity | No known effect based on available information. |
| Target Organ Effects | Skin. |
| Aspiration Hazard | No information available. |

Numerical measures of Toxicity

Not applicable

12. ECOLOGICAL INFORMATION

Eco-toxicity, Persistence and Degradability, and Bioaccumulation

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

14. TRANSPORTATION INFORMATION

DOT Not Regulated
Proper Shipping Name Not Regulated
Hazard Class N/A

TDG Not Regulated
MEX Not Regulated
ICAO Not Regulated
IATA Not Regulated
IMDG/IMO Not Regulated
RID Not Regulated
ADR Not Regulated
ADN Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Not all biological components are on the DSL

TSCA – United States Toxic Substances Control Act – Section 8(b) Inventory
DSL – Canadian Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical at reportable levels, which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard No

Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or State level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by State right-to-know.

16. OTHER INFORMATION

| | | |
|---|----------------------------|----------|
| Hazardous Material Information System (HMIS) | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | PHYSICAL HAZARD | 0 |
| | PERSONAL PROTECTION | B |

ADDITIONAL INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.

Prepared by: Mar Y Sol Products LLC
Date: 03-Jan-2019
Revision: 1

END OF Origens Floor Cleaner SDS