**MATERIAL SAFETY DATA SHEET**

**Issue Date** 09-Jun-2020

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| --- | --- |
|  | **1. IDENTIFICATION** |
| **Product identifier**  |  |
| **Product Name** | MOROCCANOIL - DRY TEXTURE SPRAY |
| **Other means of identification**  |  |
| **Product Code** | 19-611 |
| **UN/ID no.** | UN 1950 IMCO Class 2.1 |
| **Synonyms** | None |
| **Recommended use of the chemical and restrictions on use**  |
| **Recommended Use** | No information available. |
| **Uses advised against** | No information available |
| **Details of the supplier of the safety data sheet**  |
| **Company Address** MOROCCANOIL, INC.16311 VENTURA BLVD., STE. 1200LOS ANGELES, CA 91436 |  |
| **Emergency telephone number**  |  |
| **24 Hour Emergency Phone Number** | Chemtrec 1-800-424-9300 |
| **Emergency Telephone** | Chemtrec 1-800-424-9300 |
|  | **2. HAZARDS IDENTIFICATION** |
| **Classification**  |  |
| **OSHA Regulatory Status**This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) |
| Carcinogenicity | Category 1A |

**Appearance** Spray

**Physical state** Aerosol

**Odor** No information available

# Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood Use personal protective equipment as required

# Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

# Precautionary Statements - Storage

Store locked up

# Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

# Hazards not otherwise classified (HNOC)

Not applicable

# Other Information

May be harmful if swallowed

Unknown acute toxicity 70.381% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

# Substance

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **CAS No.** | **Weight-%** | **Trade Secret** |
| Ethanol | 64-17-5 | 10 - 30 | \* |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

# Description of first aid measures

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

**Skin contact** Discontinue use of product. Wash affected area with soap and water. If discomfort persists,

consult a physician.

**Inhalation** If respiratory irritation occurs, remove individual to fresh air. If discomfort persists, consult a physician. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. If breathing is affected due to intentional inhalation, remove patient to fresh air, get emergency attention, and administer artificial respiration and/or oxygen.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

# Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

# Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

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|  | **5. FIRE-FIGHTING MEASURES** |
| **Suitable extinguishing media**Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| **Unsuitable extinguishing media** | ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). CAUTION: Use of water spray when fighting fire may be inefficient. |
| **Specific hazards arising from the chemical**No information available. |
| **Hazardous combustion products** | Hydrocarbons, Volatile organic compounds, Halocarbons, Dimethyl Ether |
| **Explosion data**  |  |
| **Sensitivity to Mechanical Impact** | No information available. |
| **Sensitivity to Static Discharge** | May be ignited by heat, sparks or flames. |
| **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** | Ensure adequate ventilation, especially in confined areas. |
| **For emergency responders** | Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Remove all sources of ignition. Pay attention to flashback. Wear respiratory protection. Ventilate the area. |
| **Environmental precautions**  |  |
| **Environmental precautions** | The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with conventional solid waste management practices. Aerosol containers are recyclable when empty. |
| **Methods and material for containment and cleaning up**  |
| **Methods for containment** | Prevent further leakage or spillage if safe to do so. |
| **Methods for cleaning up** | Dispose of in accordance with federal, state and local regulations. |
|  | **7. HANDLING AND STORAGE** |
| **Precautions for safe handling** |  |
| **Advice on safe handling** | Flammable. Avoid heat, sparks, flame, or smoking during use. Use only in well-ventilated areas. Contents under pressure. Do not crush, puncture or incinerate. Keep out of reach of children. |
| **Conditions for safe storage, including any incompatibilities** |
| **Storage Conditions** | Store as an aerosol under the proper aerosol classification level in accordance with NFPA 30B. Store in a cool, dry, well-ventilated area below 120°F. Warehousing should be in compliance with local, state, and federal codes, as well as the regulations of your insurancecarrier. |

**Packaging materials** No information available.

**Incompatible materials** None known based on information supplied.

**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.

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| --- | --- | --- | --- |
| **Chemical Name** | **ACGIH TLV** | **OSHA PEL** | **NIOSH IDLH** |
| Ethanol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppmTWA: 1900 mg/m3(vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m3 | IDLH: 3300 ppmTWA: 1000 ppmTWA: 1900 mg/m3 |

# Appropriate engineering controls

**Engineering Controls** Showers Eyewash stations

Ventilation systems.

# Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes.

**Skin and body protection** No special technical protective measures are necessary.

**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.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

# Information on basic physical and chemical properties

|  |  |  |  |
| --- | --- | --- | --- |
| **Physical state****Appearance** | Aerosol Spray | **Odor** | No information available |
| **Color** | No information available | **Odor threshold** | No information available |
| **Property**  | **Values**  |  **Remarks • Method**  |  |
| **pH****Melting point / freezing point Boiling point / boiling range Boiling point concentrate Boiling point propellant Flash point****Flash point concentrate Flash point propellant Evaporation rate Flammability (solid, gas)****Flammability Limit in Air** | No information available No information available No information available78.5 °C-26.1 °CNo information available 13-16 °C-50 °CNo information available No information available |  |  |
| **Upper flammability limit:** | No information available |  |  |
| **Lower flammability limit:** | No information available |  |  |
| **Vapor pressure Vapor density Relative density Water solubility****Solubility in other solvents Partition coefficient** | No information available No information available No information available Insoluble in waterNo information available No information available |  |  |

**Autoignition temperature** No information available **Decomposition temperature** No information available **Kinematic viscosity** No information available

**Dynamic viscosity** No information available

**Explosive properties** No information available

**Oxidizing properties** No information available

# Other Information

**Softening point** No information available

**Molecular weight** No information available

# VOC Content (%) <55%

**Density** No information available

**Bulk density** 0.8040 - 0.9040 g/cc

**10. STABILITY AND REACTIVITY**

# Reactivity

No data available

# Chemical stability

Stable under recommended storage conditions.

# Possibility of Hazardous Reactions

None under normal processing.

# Conditions to avoid

Extremes of temperature and direct sunlight.

# Incompatible materials

None known based on information supplied. **Hazardous Decomposition Products** None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

# Information on likely routes of exposure

**Product Information** No data available

**Inhalation** No data available.

**Eye contact** No data available.

**Skin contact** No data available.

**Ingestion** No data available.

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| --- | --- | --- | --- |
| **Chemical Name** | **Oral LD50** | **Dermal LD50** | **Inhalation LC50** |
| Ethanol64-17-5 | = 7060 mg/kg ( Rat ) | - | = 124.7 mg/L ( Rat ) 4 h |

# Information on toxicological effects

**Symptoms** No information available.

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

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

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| --- | --- | --- | --- | --- |
| **Chemical Name** | **ACGIH** | **IARC** | **NTP** | **OSHA** |
| Ethanol | A3 | Group 1 | Known | X |
| 64-17-5 |  |  |  |  |

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available. **STOT - repeated exposure** No information available. **Aspiration hazard** No information available.

# Numerical measures of toxicity - Product Information

**The following values are calculated based on chapter 3.1 of the GHS document.**

|  |  |
| --- | --- |
| **ATEmix (oral)** | 2,786.00 |
| **ATEmix (dermal)** | 27,722.00 |
| **ATEmix (inhalation-dust/mist)** | 176.00 |
|  | **12. ECOLOGICAL INFORMATION** |
| **Ecotoxicity**  |  |

76.816 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **Algae/aquatic plants** | **Fish** | **Crustacea** |
| Ethanol 64-17-5 | - | 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50static | 9268 - 14221: 48 h Daphnia magnamg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static |
| Zeolite 1318-02-1 | 18: 96 h Desmodesmus subspicatus mg/L EC50 | 1800: 96 h Brachydanio rerio mg/LLC50 semi-static 3200 - 5600: 96 h Oryzias latipes mg/L LC50semi-static 1800 - 3200: 96 h Poecilia reticulata mg/L LC50 semi-static | 1000 - 1800: 48 h Daphnia magna mg/L EC50 |
| Glycerol56-81-5 | - | 51 - 57: 96 h Oncorhynchus mykissmL/L LC50 static | 500: 24 h Daphnia magna mg/LEC50 |

# Persistence and degradability

No information available.

# Bioaccumulation

No information available.

|  |  |
| --- | --- |
| **Chemical Name** | **Partition coefficient** |
| Ethanol64-17-5 | -0.32 |

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

# Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and

regulations.

**Contaminated packaging** Do not reuse container.

|  |  |
| --- | --- |
| **Chemical Name** | **California Hazardous Waste Status** |
| Ethanol64-17-5 | ToxicIgnitable |

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| **14. TRANSPORT INFORMATION** |
| **DOT**  | Regulated |  |
| **UN/ID no.** | UN 1950 IMCO Class 2.1 |
| **Proper shipping name** | Aerosols, Flammable - Limited Quantity |
| **Hazard Class** | 2.1 |  |
| **IATA**  | Regulated |  |
| **UN/ID no.** | UN 1950 |  |
| **Proper shipping name** | Aerosols, Flammable - Limited Quantity |
| **Hazard Class** | 2.1 |  |
| **Packing Group** | II |  |
| **IMDG**  | Regulated |  |
| **UN/ID no.** | UN 1950 |  |
| **Proper shipping name** | Aerosols, Flammable - Limited Quantity |
| **Hazard Class** | 2.1 |  |
| **EmS-No.** | Chemtrec 1-800-424-9300 |
| **15. REGULATORY INFORMATION** |
| **International Inventories**  |  |  |
| **TSCA** | Does not comply |
| **DSL/NDSL** | Does not comply |
| **EINECS/ELINCS** | Does not comply |
| **ENCS** | Does not comply |
| **IECSC** | Does not comply |
| **KECL** | Does not comply |
| **PICCS** | Does not comply |
| **AICS** | Does not comply |
| **Legend:**  |  |  |
| **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory |
| **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List |
| **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances |
| **ENCS** - Japan Existing and New Chemical Substances |
| **IECSC** - China Inventory of Existing Chemical Substances |
| **KECL** - Korean Existing and Evaluated Chemical Substances |
| **PICCS** - Philippines Inventory of Chemicals and Chemical Substances |
| **AICS** - Australian Inventory of Chemical Substances |
| **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 chemicals which are 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** |  | No |
| **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 Compensation 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 |
| **U.S. State Right-to-Know Regulations** |
| **U.S. EPA Label Information**  |
| **EPA Pesticide Registration Number** | Not applicable |  |  |
| **16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION** |
| **Further information** : None. This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Moroccanoil to be dependable and is accurate to the best of the company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Moroccanoil assumes no responsibility for injury to the recipient, or third parties or for any damage to any property resulting from misuse of the product |
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