**SAFETY DATA SHEET**

**Issuing Date** 6/09/20

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**GHS Product Identifier**

Product Name: **MOROCCANOIL-LUMINOUS HAIRSPRAY MEDIUM**

**Other means of Identification**

Synonyms: none

## Recommended use of the chemical and restrictions on use

**Recommended Use:** No information available

**Uses advised against:** No information available

## Company's Details

MOROCCANOIL, INC.

16311 VENTURA BLVD., STE. 1200

## LOS ANGELES, CA 91436

## Emergency telephone number

**Emergency Telephone** 1-866-634-5100

**Number** Chemtrec 1-800-424-9300

# 2. HAZARD IDENTIFICATION

## Classification

|  |  |
| --- | --- |
| Serious Eye Damage/Eye Irritation | Category 2A |
| Specific Target Organ Systemic toxicity (Single Exposure) | Category 3 |
| Simple Asphyxiant | Yes |
| Flammable Aerosols | Category 1 |
| Gases Under Pressure |  |

**GHS label elements, including precautionary statements**

# EMERGENCY OVERVIEW

**Signal Word Danger**

**Hazard Statements**

* Causes serious eye irritation
* May cause respiratory irritation
* May cause drowsiness or dizziness
* Extremely flammable aerosol

**Appearance**

**Physical State**

Clear

Aerosol

**Precautionary Statements**

**Odor**

Odor Fragranced

**Prevention**



* Obtain special instructions before use.
* Do not handle until all safety precautions have been read and understood.
* Use personal protective equipment as required.
* Wash face, hands and any exposed skin thoroughly after handling.
* Wear eye/face protection.
* Avoid breathing dust/fume/gas/mist/vapors/spray.
* Use only outdoors or in a well-ventilated area.
* Keep away from heat/sparks/open flames/hot surfaces - No smoking.
* Do not spray on an open flam or other ignition source.
* Pressurized container: Do no pierce or burn, even after use.

**General Advice**

* If exposed or concerned: Get medical attention/advice

## Eyes

* IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
* If eye irritation persists: Get medical advice/attention.

**Inhalation**

* IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

## Storage

* Store locked up.
* Store in a well-ventilated place. Keep container tightly closed.
* Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F

## Disposal

• Dispose of contents/container to an approved waste disposal plant.

**Hazzard Not Otherwise Classifed (HNOC)**

Rapid evaporation of the liquid may cause frostbite.

### Other information

May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **CAS-No** | **Weight %** | **Trade Secret** |
| Ethyl Alcohol | 64-17-5 | < 55 | \* |
| 1,1-Difluoroethane | 75-37-6 | < 45 | \* |
| 2-Amino-2-Methyl-1-propanol | 124-68-5 | < 1 | \* |

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

# 4. FIRST AID MEASURES

## Description of necessary first-aid measures

|  |  |
| --- | --- |
| **Eye Contact**  **Skin Contact**  **Inhalation**  **Ingestion** | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.  Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.  IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |

## Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** Eye irritation/reactions. Frostbite. Drowsiness. Dizziness. Simple asphyxiant. **Indication of immediate medical attention and special treatment needed, if necessary Notes to Physician** Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

## Suitable Extinguishing Media

Carbon dioxide (CO 2 ). Dry chemical. Alcohol-resistant foam. Water fog.

**Unsuitable Extinguishing Media** No information available.

**Specific Hazards Arising from the Chemical** No information available.

**Hazardous Combustion Products** Thermal decomposition can lead to release of irritating and toxic gases and vapors: Carbon oxides. Nitrogen oxides (NOx).

## Explosion Data

**Sensitivity to Mechanical Impact** Yes

**Sensitivity to Static Discharge** Yes

**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** Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

## Methods and materials for containment and cleaning up

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

|  |  |
| --- | --- |
| **Methods for Cleaning Up** | Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Clean contaminated surface thoroughly. |

# 7. HANDLING AND STORAGE

|  |  |
| --- | --- |
| **Precautions for safe handling**  **Handling** | Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. |

Avoid contact with skin, eyes and clothing.

## Conditions for safe storage, including any incompatibilities

**Storage** Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.

**Incompatible Products** Strong oxidizing agents.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Control parameters

**Exposure Guidelines**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **ACGIH TLV** | **OSHA PEL** | **NIOSH IDLH** |
| Ethyl Alcohol Ethyl Alcohol 64-17-5 | TWA: 1000 ppm | TWA: 1000 ppm | TWA: 1000 ppm |

## Appropriate engineering controls

**Engineering Measures** Showers

Eyewash stations

Ventilation systems

## Individual protection measures, such as personal protective equipment

|  |  |
| --- | --- |
| **Eye/Face Protection**  **Skin and Body Protection** | No protective equipment is needed under normal use conditions. Risk of contact, wear: Safety glasses with side-shields.  No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into  consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. |
| **Respiratory Protection**  **Hygiene Measures** | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.  Handle in accordance with good industrial hygiene and safety practice. |

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Physical State Odor  **Property pH**  **Melting Point/Range**  **Boiling Point/Boiling Range** | Aerosol  Fragranced | | Appearance  Odor Threshold  **Values**  No data available  No data available  79.4 ºC / 175 ºF | | Clear  No information available  **Remarks/ - Method**  Enter here Enter here for concentrate | |
| **Flash Point**  **Evaporation rate**  **Flammability (solid, gas)**  **Flammability Limits in Air upper flammability limit**  **lower flammability limit**  **Vapor Pressure**  **Vapor Density**  **Specific Gravity**  **Water Solubility**  **Solubility in other solvents**  **Partition coefficient: n-octanol/water**  **Autoignition Temperature**  **Decomposition Temperature** | | | 18.3C/ 65F > 1  No data available  No data available  No data available  No data available  55-65 psig@ 70F  No data available  0.84  No data available  No data available  No data available  No data available  No data available | | Open cup ( for pure ethanol)  Enter here  Enter here  Enter here  Enter here  Enter here  Enter here Enter here water = 1 Enter here  Enter here  Enter here  Enter here  Enter here | | |
| **Viscosity**  **Flammable Properties**  **Explosive Properties Oxidizing Properties**  **Other information**  **VOC Content (%)** | | 55% | | No data available  Not Flammable  No data available  No data available | | Enter here  Enter here  Enter here  Enter here | | |
|  | |  | | **10. STABILITY AND REACTIVITY** | | | | |

**Reactivity**

Not reactive under normal conditions.

## 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** Heat, flames and sparks.

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Carbon oxides. Nitrogen oxides (NOx).

# 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

|  |  |
| --- | --- |
| **Product Information**  **Inhalation**  **Eye Contact**  **Skin Contact** | May cause irritation of respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.Contact with eyes may cause serious eye irritation based on the components present within the product.  Contact with product may cause frostbite. |
| **Ingestion** | May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, |

vomiting and diarrhea.

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **LD50 Oral** | **LD50 Dermal** | **LC50 Inhalation** |
| Ethyl Alcohol | 7060 mg/kg (Rat) | - | 124.7 mg/L ( Rat) 4 h |

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening

of the eyes. Avoid skin contact with leaking liquid (danger of frostbite).

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Sensitization**

**Mutagenic Effects**

**Carcinogenicity**

**Reproductive Toxicity**

**STOT - single exposure**

**STOT - repeated exposure Aspiration Hazard**

**Numerical measures of toxicity - Product** No information available.

No information available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical Name** | **ACGIH** | **IARC** | **NTP** | **OSHA** |
| Ethyl Alcohol | A3 | Group 1 | Known | X |

Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage. Vinyl acetate is identified by IARC and ACGIH as a potential carcinogen based on data in animal studies. Lifetime exposure to high vapor concentrations (600 ppm) of Vinyl acetate caused malignant and benign tumors of the respiratory tract of rats, but not in mice: this response possibly being associated with the irritant effect. Vinyl acetate has been tested for carcinogenic potential in rats in two separate drinking water studies. In one study, in which animals were exposed to concentrations up to 0.5% in water, there was no evidence of carcinogenicity. In the second study, conducted at higher concentrations (up to 1% in water), evidence of cancer in the stomach and oral cavities was observed. There is no evidence that vinyl acetate causes cancer in humans.

No information available.

May cause respiratory irritation. May cause drowsiness or dizziness.

No information available.

No information available.

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **LD50 Oral**  **LD50 Dermal**  **Inhalation**  **Vapor** | | | 8538 mg/kg; Acute toxicity estimate 23700 mg/kg;  Acute toxicity estimate mg/L;  Acute toxicity estimate 134.2 mg/L;  Acute toxicity estimate | | | |
| **12. ECOLOGICAL INFORMATION** | | | | | | |
| **Ecotoxicity**  The environmental impact of this product has not been fully investigated. | | | |  | | |
| **Chemical Name** | **Toxicity to Algae** | | **Toxicity to Fish** | **Toxicity to Microorganisms** | **Daphnia Magna (Water Flea)** | |
|  |  | |  |  |  | |

**Persistence and Degradability** No information available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ethyl Alcohol |  | LC50 96 h: 12.0-16.0mL/L | EC50=34634 mg?L 30 min | LC50 48h: 9268-14221 mg/L |

**Bioaccumulation** No information available.

|  |  |
| --- | --- |
| **Chemical Name** | **Log Pow** |
| Ethyl alcohol | -0.32 |

### Other Adverse Effects

No information available.

|  |  |
| --- | --- |
|  | **13. DISPOSAL CONSIDERATIONS** |
| **Waste Disposal Methods**  **Contaminated Packaging** | Dispose of in accordance with federal, state, and local regulations.  Do not re-use empty containers. |
|  | **14. TRANSPORT INFORMATION** |

**DOT**

**Proper shipping name** Consumer commodity

**Hazard Class** ORM-D

**Description** Consumer commodity, ORM-D

**Emergency Response Guide** 126

**Number**

**TDG**

**UN-Number** UN1950

**Proper Shipping Name** Aerosols

**Hazard Class** 2.1

**Description** UN1950, Aerosols, 2.1

**MEX**

**UN-Number** UN1950

**Proper Shipping Name** Aerosols

**Hazard Class** 2.1

**Description** UN1950, Aerosols, 2.1

**ICAO**

**UN-Number** ID8000

**Proper Shipping Name** Consumer commodity

**Hazard Class** 9

**Description** ID8000, Consumer commodity, 9

**IATA**

**UN-Number** ID8000

**Proper Shipping Name** Consumer commodity

**Hazard Class** 9

**ERG Code** 9L

**Description** ID8000, Consumer commodity, 9

|  |  |
| --- | --- |
|  | **15. REGULATORY INFORMATION** |

15. REGULATORY INFORMATION

|  |  |
| --- | --- |
| **International Inventories** |  |
| **TSCA**  **DSL** | All components of this product are either listed or are exempt on the TSCA inventory.  Substances comply or are exempt |

## Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical Name** | **New Jersey** | **Massachusetts** | **Pennsylvania** | **Illinois** | **Rhode Island** |
| Ethyl alcohol | X | X | X | - |  |
| 1,1-Difluoroethane | X | X |  |  |  |

## U.S. Federal Regulations

|  |  |
| --- | --- |
| **IMDG/IMO** |  |
| **UN-Number**  **Proper Shipping Name Hazard Class EmS No.**  **Description** | UN1950  Aerosols, flammable  2  F-D, S-U  UN1950, Aerosols, flammable, 2.1 (18.3°C o.c.) |

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical Name** | | **CAS-No** | | | **Weight %** | | **SARA 313 - Threshold Values %** | |
|  | |  | | |  | |  | |
| **SARA 311/312 Hazard Categories**  **Acute Health Hazard**  **Chronic Health Hazard**  **Fire Hazard**  **Sudden Release of Pressure Hazard**  **Reactive Hazard**  **Clean Water Act** | |  | Yes  Yes  Yes  Yes  No | | | | |  |
| **Chemical Name** | **CWA - Reportable Quantities** | |  | **CWA - Toxic Pollutants** | | **CWA - Priority Pollutants** | | **CWA - Hazardous Substances** |
|  |  | |  |  | |  | |  |
| **CERCLA** |  | |  | | | | |  |
| **Chemical Name** | **Hazardous Substances RQs** | | | | **Extremely Hazardous Substances RQs** | | | **RQ** |
|  |  | | | |  | | |  |
| **U.S. State Regulations**  **California Proposition 65**  Ethyl alcohol is only considered a Proposition 65 | Developmental hazard when it is ingested as an alcoholic beverage. | | | | | | |  |
| **Chemical Name** | |  | |  | **CAS-No** |  | **California Prop. 65** | |
| Ethyl alcohol | |  | |  | 64-17-5 |  | Developmental | |

## U.S. State Right-to-Know Regulations

**NFPA Health Hazard 2**

**HMIS Health Hazard 2\***

*\*Indicates a chronic health hazard.*

|  |  |  |
| --- | --- | --- |
|  | **16. OTHER INFORMATION** |  |

**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.

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