



SAFETY DATA SHEET

Section 1: Identification

Product Name: Molecule Refresh; Molecule Helmet Refresh

Chemical Name/Synonyms: Refresh; Helmet Refresh

Company: FX Labs Inc dba MOLECULE

232 Avenida Fabricante, Unit 102

San Clemente, CA 92672

949.429.6706

www.moleculesports.com

In emergency call 911.

For information about this SDS, use this department contact phone#: 1.800.535.5053

Section 2: Hazard(s) Identification

Hazard Classification:

Emergency overview

Appearance: Clear solution with characteristic odor

Precautionary statements: Causes serious eye irritation; Harmful if swallowed

GHS classification

Health

Serious eye damage/eye irritation Category 2

Signal Word(s): WARNING

Hazard Statements:

H319: Causes eye irritation

Pictograms:

None

Precautionary Statements:

Prevention

P264: Wash affected areas thoroughly after handling

Response

P305+P351+P338+P337+P313: 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 attention.

Description of other hazards: none

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Benzalkonium Chloride	Quat	68424-85-1	<1.5%
Deionized Water	H2O	7732-18-5	>80%
cocamidopropyl PG-dimonium chloride phosphate		83682-78-4	<0.5%
Dimethloctadecyl ammonium chloride	Quat	27668-52-6	<2.5%
acetamidoethoxyethanol		118974-46-2	<0.5%
Fragrance			>1%

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

Section 4: First-Aid Measures

Description of first aid measures

General information: Show this material safety data sheet to medical personnel. Do not leave affected person unattended. Isolate exposed apparel for laundry before re-use.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin contact: No known effect after skin contact. Thoroughly rinse with water.

Ingestion: Get medical attention if symptoms occur

If inhaled: No special measures required. Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: The product is not flammable
Use media suitable for the material that is burning

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture

Special hazards during fire fighting: No further relevant information available.

On combustion or on thermal decomposition: May include carbon oxides, nitrogen oxides

Advice for firefighters

Special protective equipment for firefighters: As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

Specific firefighting methods: No special methods required. Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. Contain the extinguishing fluids by diking

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Use water for final cleanup.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and Storage

Precautions for safe handling

Avoid contact with eyes and excessive exposure to skin and clothing.

Information about protection against explosions and fires: Protect from heat.

Conditions for safe storage, including any incompatibilities: Does not require any specific or particular measures

Storage: Keep out of reach of children. Keep container tightly closed.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep receptacle tightly sealed. Protect from heat and direct sunlight.

Specific end use(s) No further relevant information available.

Section 8: Exposure Controls/Personal Protection

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not required.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:** Goggles recommended during refilling.

Section 9: Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Liquid

Color: Clear

· **Odor:** Slight fragrance

· **Odor threshold:** Not determined.

· **pH-value @ 20 °C (68 °F):** 7

· **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: 100 °C (212 °F)

· **Flash point:** Does not flash

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

Lower: 0.0 Vol %

Upper: 0.0 Vol %

· **Vapor pressure @ 20 °C (68 °F):** 23 hPa (17 mm Hg).

· **Density @ 20 °C (68 °F):** 0.987 g/cm³ (8.237 lbs/gal).

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
Dynamic: Not determined.
Kinematic: Not determined.
- **Solvent content:** none.
- **Other information** No further relevant information available.

Section 10: Stability and Reactivity

Reactivity No information available
Chemical stability Stable and non-reactive under normal conditions of use, storage and transport
Possibility of hazardous reactions No information available
Conditions to avoid No information available
Incompatible materials No information available
Hazardous decomposition products Oxides of carbon and nitrogen

Section 11: Toxicological Information

Information on toxicological effects

Product Summary:

Causes eye irritation

No data available for the teratogenicity, mutagenicity, or reproductive toxicity of this product. No data available to designate the product as causing specific target organ toxicity through repeated exposure. No data available to designate product as an aspiration hazard.

Information on likely routes of exposure:

Eye contact	Causes eye irritation. Symptoms may include irritation, watering, redness
Skin contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Sensitization	No known effects

Acute toxicity

Acute oral:	LD ₅₀ >5000 mg/kg
Acute dermal:	LD ₅₀ >2000 mg/kg
Acute inhalation:	No information available
Acute toxicity (other):	No information available

Skin corrosion/irritation

Skin irritation:	No known significant effects or critical hazards
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Serious eye damage/eye irritation

Eye irritation:	Causes eye irritation
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Respiratory or skin sensitization

Sensitization:	Not classified as sensitizing by skin contact
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Section 12: Ecological Information (non-mandatory)

Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

Section 13: Disposal Considerations (non-mandatory)

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

Section 14: Transport Information (non-mandatory)

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Non-Regulated Material
- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

Section 15: Regulatory Information (non-mandatory)

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

Corrosive to eyes

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

None.

· **Signal word** Warning

· **Hazard statements**

H319: Causes eye irritation

· **Precautionary statements**

Response

P305+P351+P338+P337+P313: 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 attention.

National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **State Right to Know**

Chemical Name	Synonym	CAS#	Conc.
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Deionized Water	H2O	7732-18-5	>80%
cocamidopropyl PG-dimonium chloride phosphate		83682-78-4	<0.5%
Dimethloctadecyl ammonium chloride	Quat	27668-52-6	<2.5%
acetamidoethoxyethanol		118974-46-2	<0.5%
Fragrance			>1%

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

· **Abbreviations and acronyms:**

ADR: Accord European sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
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