



SAFETY DATA SHEET

Section 1: Identification

Product Name: Molecule Visor Cleaner + Rain Repel/ Molecule Rain Repel

Chemical Name/Synonyms: Visor Cleaner Rain Repel

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

Classification of the substance or mixture:

Acute toxicity, oral (Category 3)

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 1)

Acute toxicity, inhalation (Category 3)

Specific target organ toxicity, single exposure (Category 1)

Label elements

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

Hazard pictograms:



GHS05, GHS06, GHS07, GHS08

Signal word: Danger

Hazard statements:

H301: Toxic if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H331: Toxic if inhaled

H370: Causes damage to organs

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

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

P264+P265: May Cause Drowsiness or Dizziness, May Cause Respiratory irritation

P317: Get medical advice/attention if you are exposed or concerned

P301+P316: IF SWALLOWED: Get medical advice/attention if you feel unwell

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P354+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P317: May cause an allergic skin reaction; Harmful if inhaled
P362+P364: Take off contaminated clothing and wash before reuse, Wash contaminated clothing before reuse
P405: Store locked up.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Deionized Water	H2O	7732-18-5	80-95%
Isopropyl alcohol		67-63-0	≤2.5%
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride		27668-52-6	2-10%

Section 4: First-Aid Measures

Description of first aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness, place patient securely in side position for transportation.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Give large amounts of water. If symptoms persist consult doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

Section 5: Fire-Fighting Measures

· Extinguishing media

· Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· Advice for firefighters

· **Protective equipment:** Mouth respiratory protective device.

Section 6: Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:** Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· 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**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **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.

- **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:**

- 67-63-0 Isopropyl alcohol**

PEL Long-term value: 980 mg/m³, 400 ppm

REL Short-term value: 1225 mg/m³, 500 ppm

Long-term value: 980 mg/m³, 400 ppm

TLV Short-term value: 984 mg/m³, 400 ppm

Long-term value: 492 mg/m³, 200 ppm

BEI

- **Ingredients with biological limit values:**

- 67-63-0 Isopropyl alcohol**

BEI 40 mg/L

urine

end of shift at end of workweek

Acetone (background, nonspecific)

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

- **Exposure controls**

- **Personal protective equipment:** none

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

- **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 cannot 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: Opaque

· **Odor:** mild

· **Odour 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:** 99 °C (210 °F)

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

· **Ignition temperature:** Not applicable

Decomposition temperature: Not determined.

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

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

Lower: 0.0 Vol %

Upper: 15.0 Vol %

· **Vapor pressure @ 20 °C (68 °F):** 59 hPa (44 mm Hg)

· **Density @ 20 °C (68 °F):** 0.915 g/cm³ (7.636 lbs/gal)

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not determined.

: Not determined.

· **Solvent content:**

Organic solvents: 40.1%

Water: 55.0 %

VOC content: 2.5%

264.3 g/l / 2.20 lb/gl

Solid content: 0.0%

· **Other information** No further relevant information available.

Section 10: Stability and Reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

Section 11: Toxicological Information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

67-63-0 Isopropyl alcohol 3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **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.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

Section 14: Transport Information (non-mandatory)

· **UN-Number**

· **DOT, ADR, ADN, IMDG, IATA:** DOT - Non-hazardous (less than 24% alcohol in aqueous solution)

· **UN proper shipping name**

· **DOT, ADR, ADN, IMDG, IATA:** 67-63-0 Isopropyl alcohol

· **Transport hazard class(es)**

· **DOT, ADR, ADN, IMDG, IATA**

· **Class:** DOT (Non-hazardous (less than 24% alcohol in aqueous solution))

· **Packing group**

· **DOT, ADR, IMDG, IATA:** DOT Non-hazardous (less than 24% alcohol in aqueous solution)

· **Environmental hazards:**

· **Marine pollutant:** No

· **Special precautions for user:** Warning: contains isopropyl alcohol.

· **Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code: Not applicable.

· **UN "Model Regulation":** - Non-hazardous (less than 24% alcohol in aqueous solution)

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)**

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

67-63-0 Isopropyl alcohol A4

· **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**



GHS05, GHS06, GHS07, GHS08

· **Signal word** Danger

· **Hazard statements**

H301: Toxic if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H331: Toxic if inhaled

H370: Causes damage to organs

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

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

P264+P265: May Cause Drowsiness or Dizziness, May Cause Respiratory irritation

P317: Get medical advice/attention if you are exposed or concerned

P301+P316: IF SWALLOWED: Get medical advice/attention if you feel unwell

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P354+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P317: May cause an allergic skin reaction; Harmful if inhaled
P362+P364: Take off contaminated clothing and wash before reuse, Wash contaminated clothing before reuse
P405: Store locked up.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

· **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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None of the ingredients is listed.

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

Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **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)

SDS date of preparation/update: 04/03/24