



SECTION 1: IDENTIFICATION

This MSDS contains information on **Mystic Cleaning Solution**

Applications: Cleaning and degreasing the Mystic, Mystic Mini, and Mystic 2 Haze Generators

Uses Advised Against: Do not mix with oxidizers or disinfecting agents.

Manufacturer: Master FX, Inc.

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SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture Classification (GHS US): Mixture

Hazard Statements:

H316: Causes mild skin irritation

H320: Causes eye irritation

Precautionary Statements:

(Prevention)

P233: Keep container tightly closed.

P273: Avoid release to the environment.

P280: Wear protective gloves and eye protection.

P281: Use personal protective equipment as required.

(Response)

P301+P315+P331: IF SWALLOWED: Get immediate medical advice/attention. Do NOT induce vomiting.

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

P321: Specific treatment, see section 4 of this SDS.

P332+P313: If skin irritation occurs, get medical attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do, continue rinsing. P337+P313: If eye irritation persists, get medical attention.

P370+P378: In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.

P403+P235: Store in well ventilated place. Keep cool.

Other hazards: Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Not applicable % by Weight

Mixture: Chemical characterization (preparation)

CAS 7732-18-5 91-95

N/A Proprietary Mixture 5-9

There are no additional ingredients present which are classified as hazardous to health or the environment. Confidential Business Information (CBI) is not harmonized under the Global Harmonized System (GHS). The full disclosure of this products' ingredients is protected under the Illinois Trade Secret Act. However, the CBI provisions have not compromised the health and safety of our users. NSF Registered A1 for use in beverage, pharmaceutical, bottling, poultry, and other food processing plants.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

After inhalation: If product mist causes nose, throat, and respiratory tract irritation, coughing or headaches, move the exposed person to fresh air immediately. If symptoms persist, seek medical attention. **After skin contact:** Wash affected area with soap and water. If irritation persists, seek medical attention. **After eye contact:** Immediately flush eyes with large amounts of water for 15 minutes. Remove contact lenses if present, after the first 5 minutes and continue rinsing. If irritation persists, seek medical attention. **After swallowing:** Do NOT induce vomiting, drink milk, egg whites, etc. and seek immediate medical attention.

Most important symptoms and effects, both acute and delayed

Potential health symptoms and effects

Eyes: Causes mild eye irritation. Symptoms include redness, stinging, tearing and swelling.

Skin: May cause mild to moderate irritation. Repeated and prolonged use may result in drying or cracking of skin or dermatitis.

Inhalation: Inhalation of mist or spray may cause mild irritation of the respiratory tract.

Ingestion: May be harmful if swallowed. Seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Water, carbon dioxide, foam or dry chemical. Caution: Carbon dioxide will displace air in confined spaces and may create an oxygen deficient atmosphere.

Unsuitable media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the mixture: Forms acrid fumes, carbon monoxide, and carbon dioxide.

Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate protective equipment.

Environmental precautions: Prevent spill from entering drains and waterways. Dispose of material in accordance with the local, State, Provincial, and Federal regulations for your location.

Methods and materials for containment and cleaning up: Absorb with an inert material. Use non- sparking tools and equipment. Collect into a suitable container for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Observe label precautions. Keep away from heat, sparks, and flame. Wear all appropriate protective equipment specified in Section 8. Keep containers closed when not in use.

Condition for safe storage: Keep in cool, dry, ventilated storage areas in closed containers. Transfer only to approved containers having correct labeling. Storage temperature should not exceed the flash point for extended periods of time. Keep container closed when not in use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: For undiluted Citrus Terpenes, the 8h TWA=30 ppm.

Exposure controls

Engineering: Maintain general industrial hygiene practice. Use normal exhaust, vent to atmosphere.

Personal protective equipment: Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory.

Respiratory equipment: None required under normal operating conditions, even when materials vapors and/or mists occur.

Protective gloves: Recommended.

Eye protection: Wear protective goggles or safety glasses during use.

Environmental exposure controls: Do not empty into drains or waterways.

SECTION 9: CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	Blue liquid
Odor:	Citrus aroma
Odor threshold:	Not applicable
pH:	Approximately 8
Freezing/melting point:	Not Determined
Initial boiling point:	Not Determined / Over 100°C (212°F)
Flash point:	98°C (208°F)
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable
Lower explosive limit (LEL)	Not determined
Upper explosive limit (UEL)	Not determined
Vapor Pressure:	Not determined
Density at 20°C	0.99 g/cm ³ (8.3 lbs/gal).3
Solubility in Water	Complete
Partition coefficient (n-octano/water):	Not determined
Autoignition temperature:	Not determined
Decomposition temperature:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No special reactivity reported, hazardous polymerization will not occur.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Reaction with strong oxidizers will generate heat and may cause fire.

Conditions to Avoid: Avoid heat, sparks, flames, and all other sources of ignition.

Incompatible materials: Strong oxidizing agents, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

Hazardous decomposition: Oxides of citrus terpenes, which can result from improper storage and handling, are known to cause skin sensitization.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

No toxicity test have been carried out for this product. Acute toxicity data was estimated based on the toxicity of the individual components contained in this product.

Acute oral toxicity: Product is expected to have low acute oral toxicity.

Acute inhalation toxicity: Product is expected to have low acute inhalation toxicity.

Acute dermal toxicity: Product is expected to have low acute dermal toxicity.

Skin irritation: May cause mild skin irritation.

Eye irritation: Causes moderate to severe eye irritation.

Sensitization: No data available for mixture. d-Limonene is a skin sensitizer.

Carcinogenic categories: None of the components of this product are listed as carcinogens by AGCIH, IARC, NTP or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity: The d-Limonene component may be toxic to aquatic life. However, due to the physical properties of the product (density and volatility) it will not remain in the environment for an extended period of time.

Persistence and degradability: Product is readily biodegradable.

Bioaccumulation potential: The d-Limonene component suggests the potential for bio-concentration in aquatic organisms.

Mobility in soil: The components of this product are water soluble and highly mobile in soil.

Results of PBT and vPvB assessment: No data available.

Other adverse effects: None.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal: Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Dispose of material in accordance with the local, State, Provincial, and Federal regulations for your location.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

UN Number: DOT-Not regulated, IMDG/IATA-Not applicable

UN proper shipping name: DOT/IATA-Not applicable, IMDG-Not regulated

Transport hazard class(es): DOT/IMDG/IATA-Not applicable

Packing group: DOT/IMDG/IATA-Not applicable

Marine pollutant: No

Special precautions: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for substance or mixture

U.S. Federal Regulations

OSHA Hazard Communication Standard: Irritant, Sensitizer.

OSHA Process Safety Management Standard: Components of this product are not regulated under OSHA PSM Standard 29 CFR 1910.119.

TSCA Status: All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory.

SARA Section 311/312 Hazard Categories: Not classified as hazardous.

SARA 313 Information: Not listed.

Comprehensive Response Compensation and Liability Act (CERCLA): Not reportable

Clean Air Act (CAA): This product does not contain any chemicals that are listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b).

Clean Water Act (CWA): None of the chemicals in this product are listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.

U.S. State Regulations

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains no chemical(s) known to the state of California to cause cancer or other reproductive harm.

Canada

WHMIS Hazard Symbol and Classification: Not applicable/Not classified as hazardous

Domestic Substance List (DSL): All components in this product are listed on the DSL inventory.

Canadian National Pollutant Release Inventory (NPRI): None of the components in this product are listed on the NPRI or are below threshold reporting limits.

Europe

RoHS: This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

EUROPEAN UNION: All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

SECTION 16: OTHER INFORMATION

The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Master FX, INC. The user should review any recommendations, the specific conditions, in the specific context of the intended use, to determine whether they are appropriate.

If you have any questions, please contact Master FX - (877)578-6577