Safety Data Sheet

Citrus Shine

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Citrus Shine
PRODUCT CODE: 226000028-20AR
RECOMMENDED USE: Duster and Polish
RESTRICTIONS ON USE: None known.
COMPANY NAME: Fred's Fine Cleaning Center
COMPANY ADDRESS: Westlake Village, CA 91362
COMPANY PHONE: 833-289-0056
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

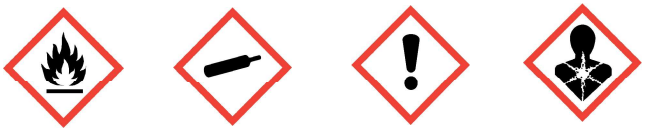
CLASSIFICATION: Flammable Aerosol: Category 1
Gases Under Pressure: Liquefied Gas
Skin Sensitization: Category 1
Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity**:** N/A

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. If swallowed: Immediately call a poison center or a doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
White mineral oil	8042-47-5	10-20%
n-Butane	106-97-8	5-10%
Propane	74-98-6	1-5%
d-Limonene	5989-27-5	1-5%

SECTION IV - FIRST AID MEASURES

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 or attention.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.

ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: May cause skin sensitization.
NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.
UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and unidentified organic compounds may be formed during combustion.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Eliminate all sources of ignition. Prevent spill from entering sewers, storm drains and natural waterways. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.
WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Do not use or store near heat, open flames or other sources of ignition. Do not inhale mist or vapor. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.
OTHER PRECAUTIONS: Keep out of the reach of children. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not taste or swallow. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
INCOMPATIBILITY: Strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
White mineral oil	5 mg/m^3	5 mg/m^3 (inhalable fraction)
n-Butane	Not Established	1000 ppm
Propane	1000 ppm	1000 ppm
d-Limonene	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.
RESPIRATORY PROTECTION: Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.
ADDITIONAL MEASURES: Avoid contact with skin, eyes or clothing. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. No smoking or open flames.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White foam.
ODOR: Citrus.
ODOR THRESHOLD: N/D
pH: 10-11
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: N/D
EVAPORATION RATE: N/D
FLAMMABILITY (solid/gas): Extremely flammable aerosol.
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H2O=1): 0.95 - 1.00 @ 77 °F (25 °C).
SOLUBILITY(IES): Moderate.
PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Temperatures greater than 122 °F (50 °C) and sources of ignition. Avoid incompatible materials.
INCOMPATIBLE MATERIALS: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **White mineral oil** (8042-47-5): LD_{50} (Oral, Rat) > 5000 mg/kg; LD_{50} (Dermal) > 2000 mg/kg; LC_{50} (Inhalation Dust/Mist, Rat, 4h) > 5 g/L. **n-Butane** (106-97-8): LC_{50} (Inhalation, Rat, 4h) 30957 mg/m^3. **Propane** (74-98-6): LC_{50} (Inhalation, Rat, 4h) 658 mg/L. **d-Limonene** (5989-27-5): LD_{50} (Oral, Rat) 4400 mg/kg; LD_{50} (Mouse) 5600 mg/kg; LD_{50} (Dermal, Rabbit) 5000 mg/kg.
ROUTES OF ENTRY: Eyes, Inhalation, Skin
EYES: May cause burning, irritation, redness, tearing.
INGESTION: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: May cause respiratory tract irritation.
SKIN: May cause irritation, localized defatting, dermatitis with prolonged or repeated contact. May cause an allergic skin reaction.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS: May cause skin sensitization.
CARCINOGENICITY: **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Avoid release to the environment. **White mineral oil** (8042-47-5): LC_{50} (*Oncorhynchus mykiss*, 96h) 5000 mg/L; EC_{50} (*Daphnia magna*, 48h) 1000 mg/L. **d-Limonene** (5989-27-5): EC_{50} (*Pimephales promelas*, 96h) 688 µg/L; EC_{50} (*Daphnia magna*, 48h) 421 µg/L.
PERSISTENCE AND DEGRADABILITY: This product is biodegradable.
BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Aerosols, flammable.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: Marine Pollutant.

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.
SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Respiratory or skin sensitization. Aspiration hazard.
SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.
CLEAN WATER ACT: None.
STATE REGULATIONS: California Proposition 65: This product does not contain chemicals regulated by California Proposition 65.
INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).
VOLATILE ORGANIC COMPOUNDS (VOC): 12.2%

NFPA HEALTH:	2	**HMIS HEALTH:**	2
NFPA FLAMMABILITY:	3	**HMIS FLAMMABILITY:**	3
NFPA REACTIVITY:	0	**HMIS REACTIVITY:**	0
NFPA OTHER:	None	**HMIS PROTECTION:**	B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón
DATE PREPARED: 12/17/2013
REVISION DATE: 05/23/2023

N/A = Not Applicable; N/D = Not Determined

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