

SAFETY DATA SHEET

Section 1 - Identification of the Material and Supplier

Minehan Agencies P/L

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Chemical nature: Aerosol

Trade Name: STAF

Product Use: Spray Disinfectant/Sanitiser

Creation Date: July, 2016

This version issued: July, 2016 and is valid for 5 years from this date

Section 2 - Hazards Identification Statement of Hazardous Nature

CLASSIFICATION: Flammable Aerosol: Category

2 Liquefied Gas

Skin Irritant:

Category 2 Eye

Irritant:

Category 2A

HAZARD STATEMENT(S): WARNING: Flammable Aerosol Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%

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 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash before reuse. 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.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

Section 3 - Composition/Information on Ingredients

| HAZARDOUS INGREDIENT | CAS NUMBER | PERCENT |
|----------------------|------------|---------|
| Propane/n-Butane | 68476-86-8 | 10-30% |
| Isopropyl Alcohol | 67-63-0 | 30-60% |
| Triethylene Glycol | 112-27-6 | 3-7% |

Section 4 - First Aid Measures

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 or attention.

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INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

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

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
 Skin: defatting and dermatitis
 Oral: abdominal irritation, nausea, vomiting, and diarrhea

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Section 5 - Fire Fighting Measures

EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water 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. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: None Known

Section 6 - Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

Section 7 - Handling and Storage

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal.

INCOMPATIBILITY: Strong oxidizing agents.

Section 8 - Exposure Controls and Personal Protection

| HAZARDOUS INGREDIENT | OSHA PEL | ACGIH TLV |
|----------------------|----------|-----------|
| Propane/n-Butane | 1000 ppm | 1000 ppm |
| Isopropyl Alcohol | 400 ppm | 200 ppm |
| Triethylene Glycol | N/A | N/A |

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

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ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

Section 9 - Physical and Chemical Properties:

APPEARANCE: Clear Aerosol
ODOR: Medicinal, mild scent
ODOR THRESHOLD: N/D
BOILING POINT: >170°F
FREEZING POINT: N/D
FLAMMABILITY: Flammable Aerosol
FLASH POINT: N/D
AUTOIGNITION TEMPERATURE: N/D
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
VAPOR PRESSURE (mm Hg): 44 @ 77°F (25°C)
VAPOR DENSITY (AIR=1): > 1 @ 77°F (25°C)
EVAPORATION RATE: > 1
SPECIFIC GRAVITY (H₂O=1): 0.89 @ 77° F (25° C)
pH: 10
SOLIDS (%): N/D
SOLUBILITY IN WATER: 100%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
VOLATILITY INCLUDING WATER (%): 99%
VOLATILE ORGANIC COMPOUNDS (VOC): 60%
DIELECTRIC STRENGTH (Volts): N/A
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

Section 10 - Stability and Reactivity

REACTIVITY: None Known
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Temperatures greater than 122°F may cause bursting.
INCOMPATIBILITY: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon
POSSIBLE HAZARDOUS REACTIONS: None Known

Section 11 - Toxicological Information

TOXICOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LD₅₀ (Oral, Rat) 5045 mg/kg; LD₅₀ (Oral, Rabbit) 5045 mg/kg; LD₅₀ (Dermal, Rabbit) 12,800 mg/kg; LC₅₀ (Inhalation, Rat, 8hr) 16,000 ppm
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes moderate to severe irritation, redness, tearing, pain
INGESTION: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested. Small amounts unlikely to cause irritation.
INHALATION: Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.
SKIN: Contact with liquid can freeze tissue similar to thermal burn.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Oral: abdominal irritation, nausea, vomiting, and diarrhea
CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

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Section 12 - Ecological Information

ECOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LC₅₀ (Fathead Minnow, 96 hrs) 100,000 mg/L

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

Section 13 - Disposal Considerations

WASTE DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled:

Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

Section 14 - Transport Information

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

SHIPPING BY WATER: VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

Section 15 - Regulatory Information

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Acute Health, Fire

SARA 313 REPORTABLE INGREDIENTS: Isopropyl Alcohol (67-63-0)

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **CAUTION:** Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Harmful if swallowed. Flammable! Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

EPA Reg. No. 44446-20

NFPA HEALTH: 1

NFPA FLAMMABILITY: 2

HMIS HEALTH: 1

HMIS FLAMMABILITY: 2

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NFPA REACTIVITY: 1
NFPA OTHER: N/A

HMIS REACTIVITY: 1
HMIS PROTECTION: A

Section 16 - Other Information

PREPARATION BY: Minehan Agencies Pty Ltd
DATE PREPARED: 26/07/2016
REVISION DATE: 26/07/2017

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

Disclaimer

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and in particular how to safely handle and use the product in the workplace.

Since Minehan Agencies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace i.e. a risk analysis.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Minehan Agencies Pty Ltd.

End of Safety Data Sheet