

Material Safety Data Sheet

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Product Type:

Date of Last Revision: 04/16/90

AEROSOL, and NON AEROSOL
HAIR SPRAYS and MOUSSES

-----MANUFACTURER-----

Matrix Essentials, Inc.
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Solon, Ohio 44139

Emergency Phone:
CHEMTREC --- 1-800-424-9300

-----HAZARDOUS INGREDIENTS-----

COMPONENT	%	OSHA PEL	ACCIH TLV	CAS NUMBER
Ethyl Alcohol SD 40	< 95.0	1000 ppm	1000 ppm	64-17-5
Isopropyl Alcohol	< 10.0	400 ppm	400 ppm	67-63-5
Benzyl Alcohol	< 1.0	none	none	100-51-6
1,1,1,Trichloroethane	< 28.0	350 ppm	350 ppm	71-55-6
Isobutane	< 20.0			
Propane	< 10.0			

-----PHYSICAL/CHEMICAL PROPERTIES-----

Boiling Point: >78.3 degrees F Specific Gravity: < 1.0
Appearance and Odor: Clear to slightly yellow, water thin to
slightly viscous liquid with floral or tropical/alcohol odor.
Mousses: White foam with floral/alcohol or tropical odor.

-----FIRE AND EXPLOSION HAZARD DATA-----

Flash Point: 58 degrees F (Tag Closed Cup) LEL 3.3 UEL 19.0
Extinguishing Media: Water, CO2, Dry Chemical, Foam
Special Fire Fighting Procedures: Use supplied breathing air
and protective clothing for possible exposure to hydrogen chlo-
ride and traces of phosgene.
Unusual Fire and Explosion Hazards: Vapors may be ignited by
flames, sparks, etc. Vapors may travel.

-----REACTIVITY DATA-----

Stability: Stable Polymerization: Will not occur
Conditions to Avoid: Heat, Fire and Ignition sources, Hot glow-
ing surfaces, electric arc.
Materials to Avoid: Concentrated nitric or sulfuric acids,
strong oxidizing agents, aluminum.
Hazardous Decomposition or By-products: Combustion may produce
CO or CO2, hydrogen chloride and trace amounts of phosgene and
chlorine.

-----HEALTH HAZARD INFORMATION-----

Primary Routes of Exposure: Skin Contact, Ingestion, Inhalation

Acute Health Hazards: Severe irritation of eye and mucous mem-
brane. Inhalation may cause dizziness, nausea, headache, drowsi-
ness. Gross ingestion or inhalation could be toxic. May in-
crease myocardial irritability if gross amount is swallowed.
Avoid epinephrine or similar acting drugs.

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Chronic Health Hazards: Prolonged or repeated exposure to high concentrations can produce severe or fatal CNS depression, liver or kidney damage.

Carcinogenicity: This product has not been tested as a whole, however none of the ingredients are carcinogenic or suspected carcinogens by NPT, OSHA, or IARC.

First Aid Procedures:

In case of eye contact: Flush immediately with water for 15 minutes; seek medical attention.

In case of gross ingestion: Drink water, induce vomiting (FOR PROFORMA: Do Not Induce Vomiting); seek medical attention.

Inhalation: Remove to fresh air.

-----SPILL, LEAK, AND DISPOSAL-----

Spills: Flush affected area thoroughly with water. Smooth surfaces can become slippery and hazardous when a spill occurs. Larger spills: Evacuate area; contain liquid, transfer to metal drums. Keep out of water supply. Avoid sources of ignition.

Waste Disposal Method: Small quantities may be discharged to a sanitary sewer. Dispose of in compliance with local, state and federal regulations. DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CANS.

Observe precautions and personal protective equipment requirements set forth in the following section.

-----SPECIAL PRECAUTIONS AND PERSONAL PROTECTION-----

Precautions: N/A

Personal Protection and Work Practices: Eye protection recommended. Use with adequate ventilation and avoid any exposure to flame or other potential ignition sources. Normal good work and hygienic practices. Wash hands after product use or contact. Keep product separate from all food and beverages.

-----DISCLAIMER-----

The information provided on this Material Safety Data Sheet ("MSDS") is believed by Matrix Essentials, Inc. to be accurate based upon data available at the time the MSDS was prepared. The information on this MSDS is intended to cover the normal and customary use of the product and may not be applicable to all situations or to all individuals. This data sheet does not constitute a warranty of the products it covers.