



# Perfumers World



## MATERIAL SAFETY DATA SHEET -MSDS

**Product #: Citral SKU# 4CC00111**

*Perfumers World* Emergency Number: International Access Code + (66 2) 998 0080

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### SECTION 1.

#### CHEMICAL IDENTIFICATION

Proprietary Perfume Compound. Complex mixture of aroma chemicals, homologues, isomers, and isolates.

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### SECTION 2.

#### COMPOSITION/INFORMATION ON INGREDIENTS

HS Code 3302.9 Mixture of odiferous substances of a type used in industry. Not for use in food, flavours, feed or medicinal products.

Volatile oily nature soluble in Ethanol and some fixed oils.

**DOES NOT CONTAIN ETHYL ALCOHOL OR DIETHYL PHTHALATE OR OTHER PHTHALATES**

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### SECTION 3.

HAZARDS IDENTIFICATION NFPA HAZARD CLASSIFICATIONS HEALTH = 1

FLAMMABILITY = 3 REACTIVITY = 0

LABEL PRECAUTIONARY STATEMENTS U.S. HAZARD LABELING May be irritating to skin and eyes.

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### SECTION 4.

#### FIRST-AID MEASURES INHALATION EXPOSURE:

Normal inhalation is unlikely to produce adverse reactions. Use in well ventilated areas. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician.

EYE CONTACT: Flush with water for 15 min without making eyes sore. Unsweetened Milk may help flush oil from eyes. Seek medical help if necessary.

SKIN CONTACT: Wash area with undiluted dishwashing liquid and flush with copious amounts of water. Seek medical help if necessary.

INGESTION: Flush from mouth with water or unsweetened milk. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

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### SECTION 5.

#### FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA CO<sub>2</sub>, FOAM, DRY CHEMICAL SPECIAL FIRE FIGHTING PROCEDURES Use standard fire fighting procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

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### SECTION 6.

#### ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Standard absorbents can be used.

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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### SECTION 7.

#### HANDLING AND STORAGE HANDLING

Apply according to good manufacturing and industrial hygiene practices with proper ventilation.

Do not drink, eat or smoke while handling. Respect good personal hygiene.

STORAGE Store in a cool, well-ventilated area.

FIRE PROTECTION Keep away from ignition sources and naked flame.

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### SECTION 8.

#### EXPOSURE CONTROLS

PERSONAL PROTECTION RESPIRATORY PROTECTION: Usually not required

VENTILATION: Mechanical (general)

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Splash-proof safety glasses

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OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

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#### **SECTION 9.**

PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE : Colorless to pale yellow oily liquid

ODOR DESCRIPTION: Lemon and Sharp citrus odour

BOILING POINT: Greater than 100 C @ 25 mmHg

VAPOR PRESSURE (20 C, mm Hg): Not found

VAPOR DENSITY (Air = 1): 1

SPECIFIC GRAVITY @ 25C (water = 1): 0.8000 TO 1.000

SOLUBILITY IN WATER: Insoluble in water; soluble in alcohol. FLASH POINT (CC): Not determined

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#### **SECTION 10.**

STABILITY AND REACTIVITY INCOMPATIBILITIES CONDITIONS TO AVOID:

No materials present special reactivity hazards.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS CO, CO<sub>2</sub>, water

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#### **SECTION 11.**

TOXICOLOGICAL INFORMATION ACUTE EFFECTS Most likely route of entry is through the skin. Full strength may be irritating to skin, mucous membranes and eyes.

THRESHOLD LIMIT VALUE (TLV): Not established OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

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#### **SECTION 12.**

ECOLOGICAL INFORMATION GENERAL

Prevent contamination of soil, ground- and surface water.

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#### **SECTION 13.**

DISPOSAL CONSIDERATION WASTE DISPOSAL METHOD:

Incineration or sanitary landfill in accordance with local, state, and federal regulations.

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#### **SECTION 14.**

TRANSPORT INFORMATION Class Pack Group Sub. Risk UN No. IMDG Page Road(U.S.-DOT): not regulated. Air (IATA): not regulated. Sea (IMDG): not regulated.

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#### **SECTION 15.**

REGULATORY INFORMATION EUROPEAN INFORMATION

There were no toxicological studies in the published literature to assign risk and safety phrases.

REVIEWS, STANDARDS, AND REGULATIONS EPA TSCA SECTION 8(B) CHEMICAL INVENTORY LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

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#### **SECTION 16.**

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