

## **SAFETY DATA SHEET**

### **JASMORANGE**

#### **1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** JASMORANGE  
**Product Number:** 20024  
**CAS #** 41496-43-9  
**Chemical name:** Benzenepropanal, .alpha., 4-dimethyl-  
**Chemical Family:** Aromatic aldehyde  
**Product Use:** Flavor or Fragrance Ingredient

**Distributor:**

Aroma Chemical Services International, Inc.  
200 Broad Street  
Red Bank, NJ 07701

GENERAL INFORMATION TELEPHONE NUMBER: 1 732 383 7205

EMERGENCY TELEPHONE NUMBER: 1 800 535 5053, INFOTRAC

#### **2. HAZARDS IDENTIFICATION**

WARNING

H315 CAUSES SKIN IRRITATION

H319 CAUSES SERIOUS EYE IRRITATION

H227 COMBUSTIBLE LIQUID



GHS CLASSIFICATION;

Skin irritant (Category 2)

Eye irritant (Category 2)

Flammable liquid (Category 4)

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#### **PRECAUTIONARY STATEMENTS**

##### **PREVENTION**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection

##### **RESPONSE**

P302 + P352 IF ON SKIN: Wash with plenty of water

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 advice/attention.

P370 + P374 In case of fire: Fight fire with normal precautions from a reasonable distance.

P362 Take off contaminated clothing.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>Component</u></b>	<b><u>CAS#</u></b>	<b><u>% By Wt</u></b>
Benzenepropanal, .alpha., 4-dimethyl-	41496-43-9	98 min.

### **4. FIRST AID MEASURES**

**SKIN:** Immediately remove contaminated clothing. Wash skin with soap and water  
Get medical attention if irritation occurs. Wash contaminated clothing before re-use

**EYES:** Hold eyes open and flush thoroughly with water.  
Get immediate medical attention if irritation continues.

**INGESTION:** Do not induce vomiting. Rinse out mouth thoroughly with water. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**INHALATION:** Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult administer oxygen. Get immediate medical attention.

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#### **5. FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Foam, carbon dioxide, dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing. Do not use full water jet on fire. Use water spray only to cool drums or packages in fire area.

Carbon monoxide and carbon dioxide will be released from fire

#### **6. ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK PROCEDURES: Remove unauthorized personnel from area. Wear appropriate personal protective equipment. Remove sources of ignition.

Contain spills onto inert absorbent and place in suitable containers.

Take precautions to prevent discharge to drains, surface or ground water and soil.

#### **7. HANDLING AND STORAGE**

HANDLING: Use only in well ventilated areas.

Use local exhaust ventilation at work stations.

Avoid contact with skin and eyes. Avoid breathing vapor or mist.

Wash hands and other exposed body areas before eating.

Keep away from sources of ignition. Do not smoke, eat or drink in the area.

STORAGE: Store closed containers in cool area away from heat and oxidizing agents.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROLS: Use in a well ventilated area. Use local exhaust ventilation at work areas.

RESPIRATORY PROTECTION: If vapor concentrations cause discomfort, use a NIOSH approved organic vapor respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134.

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**SKIN PROTECTION:** Wear clothing suitable to prevent skin contact.  
Use rubber gloves.  
Check suitability recommendations by protective equipment manufacturers.

**EYE PROTECTION:** Safety goggles with side shields.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: .....	Liquid
COLOR: .....	Colorless to pale yellow
ODOR: .....	Fruity, balsamic, green, floral
ODOR THRESHOLD: .....	Not available
pH: .....	Not available
MELTING POINT/FREEZING POINT: ...	Not available
FLASH POINT: .....	187°F (86°C)
EVAPORATION RATE: .....	Not available
FLAMMABILITY LIMITS: .....	0.17-2.2 vol. %
AUTOIGNITION TEMP: .....	Not available
DECOMPOSITION TEMP: .....	Not available
LOWER EXPLOSION LIMIT: .....	Not available
UPPER EXPLOSION LIMIT: .....	Not available
VAPOR PRESSURE: .....	Not available
VAPOR DENSITY: .....	Not available
BOILING POINT: .....	185-188°F (85-87°C) @ 1hPa
ACID VALUE: .....	<5 mgKOH/g
RELATIVE DENSITY: .....	0.963-0.970 g/cm <sup>3</sup> (25°C)
SOLUBILITY IN WATER: .....	Insoluble
VISCOSITY: .....	Not available

#### **10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable.

**HAZARDOUS DECOMPOSITION PRODUCTS :** Carbon monoxide, carbon dioxide,  
and hydrocarbon byproducts.

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POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid oxidizing agents and strong acids, bases and direct sunlight.

#### **11. TOXICOLOGICAL INFORMATION**

LD50 Oral Rat: 3270 mg/kg

LD50 Dermal Rabbit: >2000 mg/kg

Skin irritation Rabbit: Irritant

Eye irritation Irritant

Skin sensitization Human: Not determined

Not listed in the National Toxicology Program (NTP), Report on Carcinogens International Agency for Research on Cancer (IARC), nor by OSHA.

#### **12. ECOLOGICAL INFORMATION**

Avoid contamination of ground water or waterways.

Specific data not available.

#### **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Federal, State or Local regulations.

#### **14. TRANSPORT INFORMATION**

**Land and inland navigation**

**Marine transport IMDG**

**Air transport ICAO/IATA**

Not Classified

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#### **15. REGULATORY INFORMATION**

**Note:** Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

This product is on the TSCA, EINECS/ELINCS and the Canadian DSL inventories. To the best of our knowledge this product contains no reportable toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

#### **HMIS LABEL**

##### HAZARD CODES

##### RATING

4 = EXTREME

3 = HIGH

2 = MODERATE

1 = SLIGHT

0 = INSIGNIFICANT

S = Splash goggles protective clothing and gloves

**HEALTH: 2**

**FLAMMABILITY: 2**

**REACTIVITY: 0**

**PERSONAL PROTECTION: S**

#### **16. OTHER INFORMATION**

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.