

# SAFETY DATA SHEET

Issuing Date: 22-Apr-2016

Revision Date: 22-Apr-2016

Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier** 64304, 64404 Trapp Reed Diffuser #4 Orange Vanilla

**Product name**

**1.2 Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against**

**Recommended use** Home Fragrance Reed Diffuser

**Uses advised against** No information available

**1.3 Details Of The Supplier Of The Safety Data Sheet**

Trapp Fragrances  
1025 W. 8th Street  
Kansas City MO 64101  
1-800-670-4212

**For Further Information, Please Contact:**

**E-mail address** www.trappfragrances.com

**1.4 Emergency Telephone Number**

CHEMTREC: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)


Skin corrosion/irritation	Category 3
Skin sensitization	Category 1B

**GHS Label elements, including precautionary statements**

### Emergency Overview

**Warning**

**Hazard Statements**  
Causes mild skin irritation  
May cause an allergic skin reaction



**Appearance** green - yellow **Physical State @20°C** Liquid **Odor** Characteristic

**Precautionary Statements - Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves

**Precautionary Statements - Response**

- Specific treatment (see .? on this label)
- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse

**Precautionary Statements - Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other information**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures**

Chemical name	CAS-No	Weight %	Classification (Reg. 1272/2008)	FEMA Numbers
---------------	--------	----------	---------------------------------	--------------

Terpenes and Terpenoids, sweet orange-oil	68647-72-3	1-<5%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-
Resin acids and Rosin acids, hydrogenated, methyl esters	8050-15-5	1-<5%	Aquatic Acute 3 (H402) Aquatic Chronic 3 (H412)	-
Oils, orange, sweet	8008-57-9	1-<5%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	2825
Diethyl phthalate	84-66-2	1-<5%	Skin Irrit. 3 (H316) Aquatic Acute 3 (H402)	-
Oils, orange, sweet, terpene-free	68606-94-0	1-<5%	Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	2822
Benzaldehyde, 3-ethoxy-4-hydroxy-	121-32-4	1-<5%	Acute Tox. 5 (H303) Eye Irrit. 2B (H320) Aquatic Acute 3 (H402)	2464
Coumarin	91-64-5	0.1-1%	Acute Tox. 4 (H302) Aquatic Acute 3 (H402) Skin Sens. 1B (H317)	-
4H-Pyran-4-one, 2-ethyl-3-hydroxy-	4940-11-8	0.1-1%	Acute Tox. 4 (H302)	3487
p-Anisaldehyde	123-11-5	< 0.1%	Acute Tox. 5 (H303) Aquatic Acute 3 (H402) Skin Irrit. 3 (H316)	2670
Lauryl aldehyde	112-54-9	< 0.1%	Eye Irrit. 2A (H319) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	2615
2(3H)-Furanone, dihydro-5-pentyl-	104-61-0	< 0.1%	Skin Irrit. 3 (H316)	2781
10-Undecanal	112-45-8	< 0.1%	Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Flam. Liq. 4 (H227) Skin Irrit. 2 (H315) Aquatic Chronic 3 (H412) Skin Sens. 1B (H317)	3095
Vanillin	121-33-5	< 0.1%	Acute Tox. 5 (H303) Eye Irrit. 2A (H319)	3107

#### 4. FIRST AID MEASURES

##### First aid measures for different exposure routes

##### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

##### **Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.

##### **Inhalation**

Move to fresh air. If symptoms persist, call a physician.

##### **Ingestion**

Do not induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.

##### **Protection of first-aiders**

Use personal protective equipment.

##### **Most important symptoms/effects, acute and delayed**

##### **Indication of immediate medical attention and special treatment needed, if necessary**

##### **Notes to physician**

May cause sensitization of susceptible persons.

#### 5. FIRE-FIGHTING MEASURES

##### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### **Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

##### **Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact.

##### **Explosion Data**

##### **Sensitivity to Mechanical Impact**

none.

##### **Sensitivity to Static Discharge**

Yes.

##### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal precautions, protective equipment and emergency procedures**

##### **Personal precautions**

Use personal protective equipment. Avoid contact with the skin and the eyes. Remove all sources of ignition.

##### **Environmental precautions**

##### **Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

##### **Methods and materials for containment and cleaning up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Wear personal protective equipment. Ensure adequate ventilation.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep out of the reach of children. Keep container tightly closed. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible products**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethyl phthalate 84-66-2	TWA: 5 mg/m <sup>3</sup>	(vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Exposure controls****Engineering Measures**Showers  
Eyewash stations  
Ventilation systems.**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Tightly fitting safety goggles.

**Skin and body protection**

Chemical resistant apron.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information On Basic Physical And Chemical Properties****Physical State @20°C**

Liquid

**Appearance**

green - yellow

**Odor**

Characteristic

**Odor Threshold**

No information available

**pH**

No information available

**Melting point/range**

No information available

**Freezing Point**

No information available

**Initial Boiling Point**

No information available

**Boiling point/boiling range**

410 °F 210 °C

**Flash point**

158 °F / 70 °C

**Evaporation Rate VALUE**

No information available

**Flammability Limits in Air**

No information available

**Explosive properties**

No information available

**Oxidizing Properties**

No information available

**Vapor Pressure @20°C (mmHg)**

No information available

**Vapor Density**

No information available

**Specific Gravity**

0.9690

**Water Solubility**

Insoluble in water

**solubility**

No information available

**Partition coefficient:**

No information available

**Autoignition temperature**

No information available

**Decomposition Temperature °C**

No information available

**Viscosity, dynamic**

No information available

**Molecular Weight**

No information available

**VOC Content**

No information available

**10. STABILITY AND REACTIVITY****Reactivity**

Exothermic reaction

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

Product does not present an acute toxicity hazard based on known information

**Inhalation**

There is no data available for this product.

**Eye contact**

There is no data available for this product.

**Skin contact**

There is no data available for this product.

**Ingestion**

There is no data available for this product.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Resin acids and Rosin acids, hydrogenated, methyl esters 8050-15-5	2000 mg/kg ( Rat )	-	-
Oils, orange, sweet 8008-57-9	5 g/kg ( Rat ) 4400 mg/kg ( Rat )	5 g/kg ( Rabbit )	-
Diethyl phthalate 84-66-2	8600 mg/kg ( Rat )	11200 mg/kg ( Rat )	-
Benzaldehyde, 3-ethoxy-4-hydroxy- 121-32-4	3000 mg/kg	7940 mg/kg ( Rabbit )	-
Coumarin 91-64-5	500 mg/kg	-	-
4H-Pyran-4-one, 2-ethyl-3-hydroxy- 4940-11-8	1200 mg/kg	5 g/kg ( Rabbit )	-
p-Anisaldehyde 123-11-5	1500 mg/kg	5 g/kg ( Rabbit )	-
Lauryl aldehyde 112-54-9	23 g/kg ( Rat )	-	-
2(3H)-Furanone, dihydro-5-pentyl- 104-61-0	6600 mg/kg ( Rat )	5 g/kg ( Rabbit )	-
10-Undecanal 112-45-8	5 g/kg ( Rat )	5 g/kg ( Rabbit )	-
Vanillin 121-33-5	3500 mg/kg	5010 mg/kg ( Rabbit )	-

**Information on toxicological effects**

**Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

No information available.

**mutagenic effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive Toxicity**

No information available.

**Specific target organ systemic toxicity (single exposure)**

No information available.

**Specific target organ systemic toxicity (repeated exposure)**

No information available.

**Chronic toxicity**

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Contains a known or suspected reproductive toxin.

**Target Organ Effects**

Reproductive system, Peripheral Nervous System (PNS), Central nervous system (CNS), Eyes, Respiratory system, Skin.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

82.93206% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Diethyl phthalate 84-66-2	EC50: 2.11 - 4.29 mg/L 96h static (Pseudokirchneriella subcapitata) EC50: 42 - 255 mg/L 72h (Pseudokirchneriella subcapitata) EC50: 21 mg/L 96h static (Desmodesmus subspicatus) EC50: 21 mg/L 96h (Desmodesmus subspicatus) EC50: 23 mg/L 72h (Desmodesmus subspicatus) EC50: 23 mg/L 72h static (Desmodesmus subspicatus)	LC50: 22 mg/L 96h flow-through (Lepomis macrochirus) LC50: 16.8 mg/L 96h static (Pimephales promelas) LC50: 17 mg/L 96h flow-through (Pimephales promelas) LC50: 16.7 mg/L 96h static (Lepomis macrochirus) LC50: 12 mg/L 96h flow-through (Oncorhynchus mykiss)	EC50: 86 mg/L 48h Static (Daphnia magna) EC50: 36 - 74 mg/L 48h (Daphnia magna)
Benzaldehyde, 3-ethoxy-4-hydroxy- 121-32-4	-	LC50: 81.4 - 94.3 mg/L 96h flow-through (Pimephales promelas)	-

Vanillin 121-33-5	-	LC50: 57 mg/L 96h semi-static (Pimephales promelas) LC50: 88 mg/L 96h static (Pimephales promelas) LC50: 53 - 61.3 mg/L 96h flow-through (Pimephales promelas)	EC50: 180 mg/L 24h (Daphnia magna)
----------------------	---	--	------------------------------------

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	log Pow
Diethyl phthalate 84-66-2	2.35
Vanillin 121-33-5	1.23

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Do not re-use empty containers.

**US EPA Waste Number**

U088

**14. TRANSPORT INFORMATION****DOT****BULK PACKAGING****NA Number**

1993

**Proper shipping name**

Combustible liquid, n.o.s. (d-limonene)

**Hazard Classification**

3

**Packing Group**

III

**Reportable Quantity (RQ)**

Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**DOT****NON BULK PACKAGING****NON BULK PACKAGING****NA Number**

1993

**Proper shipping name**

Combustible liquid, n.o.s. (d-limonene)

**Hazard Classification**

3

**Packing Group**

III

**Reportable Quantity (RQ)**

Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**IMDG/IMO****UN Number**

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (d-limonene)

**Hazard Classification**

9

**Packaging Group**

III

**Marine pollutant**

This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

**Reportable Quantity (RQ)**

Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**MEX (SCT)****UN Number**

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (d-limonene)

**Hazard Classification**

9

**Packaging Group**

III

**ICAO/IATA****UN Number**

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (d-limonene)

**Hazard Classification**

9

**Packing Group**

III

**Reportable Quantity (RQ)**

Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**TDG****UN Number**

3082

**Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s. (d-limonene)

**Hazard Classification**

9

**Packaging Group**

III

**Reportable Quantity (RQ)** Please Refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities

**RID**

**UN Number** 3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (d-limonene)  
**Hazard Classification** 9  
**Packaging Group** III

**ADR/RID**

**UN Number** 3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (d-limonene)  
**Hazard Classification** 9  
**Packing Group** III

**ADN**

**UN Number** 3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (d-limonene)  
**Hazard Classification** 9  
**Packaging Group** III

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** -  
**ENCS** Not determined  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** no  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** no  
**Reactive Hazard** no

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diethyl phthalate 84-66-2	-	X	X	-

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Diethyl phthalate 84-66-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Diethyl phthalate 84-66-2	X	X	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

**NFPA** Health Hazard 2 Flammability 2 Instability 0 Physical and chemical

<b>HMIS</b>	<b>Health Hazard 2</b>	<b>Flammability 2</b>	<b>Physical Hazard 0</b>	<b>hazards - Personal protection X</b>
-------------	------------------------	-----------------------	--------------------------	--

**Revision Date:** 22-Apr-2016

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**