



SDS (Safety Data Sheet)

Rose Hydrosol

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Rose Hydrosol	Distributor:	Deo Organic
Synonyms:	No data available	Address:	2300 kathryn ln plano tx 75025 (USA)
INCI Name:	Rosa Damascena Flower	Email:	sales@deoorganic.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	No need for classification according to GHS criteria for this product.		
GHS Labeling:	This product does not require a hazard warning label in accordance with GHS criteria.		
GHS Hazard Pictograms:	None		
GHS Hazard Statements:	None		
GHS Precautionary Statements:	None		
Potential Health Hazards:	Eyes: May cause irritation. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.		
NFPA Ratings (704):	Health	1	Slight
	Flammability	1	Slight
	Reactivity	0	Minimal
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	QSF 100%	Not Available
Alcohol	2.00%	Not Available
Rosa Damascena Flower	0.08%	Not Available
Phenoxyethanol	1.00%	Not Available

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water for at least 15 minutes with eyelids held open. Seek medical attention if necessary.
Inhalation:	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin:	Flush with plenty of water and wash using soap. Get medical attention if irritation occurs.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Immediately drink water to dilute. If large amounts swallowed or symptoms develop, get medical attention if necessary.



SDS (Safety Data Sheet)

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available
Specific hazards arising from the chemical:	Product is not combustible or explosive. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Store in cool (10-30°C), dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities). Suitable materials for containers: High density polyethylene (HDPE), glass. To be mixed before using.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Ethanol	PEL 1,000ppm: 1,900 mg/m ³	PEL	OSHA
Ethanol	TWA value 1,000ppm: 1,900 mg/m ³	PEL	OSHA
Ethanol	STEL value: 1,000ppm	TLV	ACGIH

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.

IDLH: Immediately Dangerous to Life or Health

WEEL: Workplace Environmental Exposure Levels

CEIL: Ceiling

Personal Protection:

Eyes:	Safety glasses with side shields.
Inhalation:	Respiratory protection not required.
Body:	Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical protection suit. Wear chemical resistant protective gloves.
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Colorless liquid	Vapor Pressure:	Not determined
Odor:	Aromatic	Vapor Density:	No data available



SDS (Safety Data Sheet)

Odor Threshold:	No data available	Evaporation Rate:	Can be determined from Henry's Law Constant or vapor pressure
Color:	Colorless	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	5.5-7.5 (@ 20°C)	Flash Point:	>100°C
Boiling Point:	90-110°C (1,013 hPa)	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Soluble (20°C)
Relative Density:	No data available	Auto-Ignition Temperature:	Not determined
Partition Coefficient: n-octanol/water:	Not determined	Decomposition Temperature:	No decomposition if stored and handled as prescribed/indicated
Viscosity:	Not determined	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
% Volatile by Volume:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Not hazardous if stored and handled as prescribed/indicated.
Chemical Stability:	This product is chemically stable.
Hazardous Polymerization:	None if used for intended purpose.
Conditions to Avoid:	No special precautions other than good housekeeping of chemicals.
Incompatible Materials:	No substances known that should be avoided.
Hazardous Decomposition Products:	No hazardous decomposition products if stored and handled as prescribed/indicated. No thermal decomposition if stored and handled as prescribed/indicated.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Primary routes of entry: Dermal contact. Virtually non-toxic after a single ingestion.
Skin:	Ethanol: ATE: >5,000 mg/kg. Non-irritating.
Eyes:	Irritating
Respiratory:	Ethanol: Vapor: ATE: >20.0000 mg/L Ethanol: Mist: ATE: >5.0000 mg/L
Ingestion:	Ethanol: ATE: >5,000 mg/kg Ethanol: LD50: 10,470 mg/kg
Carcinogenicity:	Based on ingredients, there is no suspicion of a carcinogenic effect in humans.
Teratogenicity:	The chemical structure does not suggest a specific alert for such an effect.
Germ Cell Mutagenicity:	Based on ingredients, there is no suspicion of a mutagenic effect.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	The chemical structure does not suggest a specific alert for such an effect.
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	Based on ingredients, there is no suspicion of a skin-sensitizing potential.
Irritation:	No data available
Repeated Dose Toxicity:	None known

12 ECOLOGICAL INFORMATION

Ecotoxicity



SDS (Safety Data Sheet)

Aquatic Vertebrate:	Ethanol: LC50, <i>Salmo gairdneri</i> , syn. <i>O. mykiss</i> : 13,000 mg/L (96h)
Aquatic Invertebrate:	Ethanol: LC50, <i>Daphnia magna</i> : 12,340 mg/L (48h) Ethanol: LC50, <i>Ceriodaphnia dubia</i> : 5,012 mg/L (48h)
Terrestrial:	Ethanol: EC50, <i>Chlorella vulgaris</i> : 675 mg/L (growth rate) (4d)
Microorganisms:	Ethanol: 6,500 mg/L (16h)
Persistence and Degradability:	Expected to be readily biodegradable. 89% BOD of the ThOD (14d). 84% BOD of the ThOD (20d).
Bioaccumulative Potential:	Study not necessary due to exposure conditions.
Mobility in Soil:	Study not necessary due to exposure conditions.
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status:	Cosmetic: Released/exempt. Chemical: Released/listed
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
New Zealand NZIoC:	No data available
CERCLA RQ:	Ethanol, 100lbs, CAS: 64-17-5

16 OTHER INFORMATION

Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or



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expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.