



## ECO CLEANING SOLUTIONS

### MATERIAL SAFETY DATA SHEET

#### **1. Identification Of Product and Supplier**

<u>Product Name:</u>	JSK Citrus Zest Deodorant Air Freshener Concentrate
<u>Supplier:</u>	JSK Cleaning Solutions
<u>Contact:</u>	<a href="mailto:info@jskcleaning.ie">info@jskcleaning.ie</a> –
<u>Tel:</u>	+353214318545
<u>Address:</u>	Tramore Road, Cork, Ireland.
<u>Application:</u>	Air Freshener Concentrate
<u>CPNP Registration Number:</u>	N/A
<u>Product Code:</u>	53CZAF-SA

#### **2. Hazards Identification**

This product has been assessed and the following warnings are applicable:

##### **2.1 Classification of a substance or mixture.**

###### **Classification under Regulation (EC) No 1272/2008**

**Class and category of Danger:** Eye Danger/Irritation Category 2  
Sensitisation – Skin Category 1  
Hazardous to Aquatic environment – Long term Hazard Category 2  
Physical and Chemical Hazards – Flammable liquid Category 2

##### **2.2 Hazard Statements:**

H302, Harmful if swallowed.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
H411, Toxic to aquatic life with long lasting effects  
H225 Highly flammable liquid and vapour.

##### **2.3 Supplemental Information:**

May cause allergic reaction  
Keep container tightly closed.

##### **2.4 Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P270, Do not eat, drink or smoke when using this product.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P301/312, IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310, Immediately call a POISON CENTER or doctor/physician.  
P330, Rinse mouth. P333/313, If skin irritation or rash occurs: Get medical advice/attention.



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P363, Wash contaminated clothing before reuse.

P391, Collect spillage.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

### 2.5 Pictograms:



### 3. Composition and information on ingredients

#### Application:

Air Freshener Concentrate, 1:50 dilution recommended usage.

INGREDIENT	CAS	EINECS
Aqua (Water)	7732-18-5	231-791-2
SD Alcohol 39-C (Alcohol Denat.)	64-17-5/84- 66-2	200-578- 6/201-550-6
PEG-40 Hydrogenated Castor Oil	61788-85-0	-
Parfum (Fragrance)	Mixture, See MSDS	Mixture, See MSDS
Citral	5392-40-5	226-394-6
Limonene	5989-27-5	227-813-5
Linalool	78-70-6/126- 91-0	201-134-4



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### 4. First aid measures

<u>Inhalation:</u>	Not expected with this type of product.
<u>Eye contact:</u>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact medical professional if symptoms persist.
<u>Skin contact:</u>	Wash with plenty of soap and water. Contact medical professional if symptoms persist.
<u>Ingestion:</u>	DO NOT INDUCE VOMITING. Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately.

### 5. Firefighting measures

<u>Extinguishing media:</u>	CO <sub>2</sub> , Dry Powder or Alcohol resistant Foam type Extinguishers
<u>Spraying recommended:</u>	Extinguishing media to base of flames.
<u>Special measures:</u>	Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
<u>Extinguishing procedures:</u>	Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Keep upwind. Shut down all possible sources of ignition. Apply foam to potential fire hazards. DO NOT USE WATER JET. Spray or fog nozzles may be used.

### 6. Accidental release measures

<u>Personal precautions:</u>	Avoid contact with skin and eyes.
<u>Environment precautions:</u>	Keep away from drains, surface and ground water and soil.
<u>Cleaning up methods</u>	Remove all potential ignition sources. Provide adequate ventilation. Contain spilled material by use of sand or inert powder. Dispose according to local regulations.
<u>Cover for spillages:</u>	Sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

### 7. Handling and Storage

<u>Precautions in handling:</u>	Keep away from heat, sparks, open flames and hot surfaces – No smoking. Use PPE as required. Use in accordance with GMP and industrial hygiene practices.
<u>Storage conditions:</u>	Store in tightly closed original container, in a cool and dry area away from heat sources.
<u>Fire protection:</u>	Keep away from ignition sources & naked flames.
<u>Specific end uses:</u>	Air freshener concentrate, dilution required.



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### 8. Exposure Controls/Personal Protection

<u>Respiratory protection:</u>	Ensure adequate ventilation is maintained in order to prevent build-up of excess vapour.
<u>Ventilation:</u>	Ensure adequate ventilation is maintained in order to prevent build-up of excess vapour.
<u>Hand protection:</u>	Wear appropriate PPE.
<u>Eye protection:</u>	Wear appropriate PPE.

### 9. Physical Data and Chemical Properties

<u>Form:</u>	Liquid
<u>Colour:</u>	Straw yellow clear liquid
<u>Odour:</u>	Citrus Zest Fragrance
<u>pH:</u>	Not determined
<u>Boiling point (°C):</u>	Not determined
<u>Flash Point:</u>	ca. 35°C. Information taken from literature.
<u>Density @ 20 °C:</u>	0.94-0.99
<u>Viscosity:</u>	Not applicable
<u>Hydrosolubility:</u>	Soluble
<u>Liposolubility:</u>	Insoluble

### 10. Stability and Reactivity

<u>Reactivity:</u>	Presents no significant reactivity hazards.
<u>Decomposition:</u>	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.
<u>Stability:</u>	Good stability under normal storage conditions. Cool, dry storage conditions.

### 11. Toxicological Information

This mixture has not been assessed as a whole for health effects. The health effects have been calculated using available data from material safety data sheets of materials used in the mixture.

<u>Acute Toxicity:</u>	Based on available data the classification criteria are not met
<u>Acute Toxicity Oral:</u>	Not determined
<u>Acute Toxicity Dermal:</u>	Not determined
<u>Acute Toxicity Inhalation:</u>	Not determined
<u>Skin corrosion/irritation:</u>	Based on available data the classification criteria are not met.
<u>Serious eye damage/irritation:</u>	Eye damage / irritation category 2
<u>Respiratory or skin sensitisation:</u>	Sensitisation – Skin Category 1
<u>Germ Cell mutagenicity:</u>	Based on available data the classification criteria are not met.
<u>Carcinogenicity:</u>	Based on available data the classification criteria are not met.
<u>Reproductive toxicity:</u>	Based on available data the classification criteria are not met.



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### 12. Ecological Information

<u>Toxicity:</u>	Toxic to aquatic life.
<u>Biodegradability:</u>	Product is expected to not be readily biodegradable due to the nature of materials in mixture.
<u>Precautions:</u>	Prevent surface contamination of soil, ground & surface water.

### 13. Disposal Considerations

Dispose in accordance with local regulations. Avoid disposing into drainage systems and in to the environment.

### 14. Transport Information

<u>Road (ADR/RID):</u>	UN number UN 1170, Proper shipping name: ETHANOL SOLUTION Class 3, Packaging Group III Environmentally Hazardous
<u>Air (IATA):</u>	UN number UN 1170 Proper shipping name: ETHANOL SOLUTION Class 3, Packaging Group III Environmentally Hazardous
<u>Sea (IMDG):</u>	UN number UN 1170 Proper shipping name: ETHANOL SOLUTION Class 3, Packaging Group III Environmentally Hazardous

### 15. Regulatory Information

<u>Hazards:</u>	See section 2
<u>Symbols:</u>	See section 2
<u>Risk Phrases:</u>	See section 2
<u>Safety Phrases:</u>	See section 2



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### 16. Other Information

**PACKAGING:**

200ml HDPE bottle, PP cap.



When stored within advised conditions, the product has a 3-year shelf life from the date of manufacture.