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### Material Safety Data Sheet

Issued By: JEEN International Corporation Chemtrec Emergency Tel: 800-424-9300  
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Fairfield, New Jersey 07004 (COLLECT CALLS ACCEPTED)  
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#### Section I - Identification Of Product

Trade Name and Synonyms: **JEESCREEN OS** CAS#:118-60-5 EINECS #: 204-263-4  
Chemical Name and Synonyms: Octyl Salicylate  
2-Ethyl Hexyl Salicylate  
Chemical Family: Ester

#### Section II - Hazardous Components Of Mixtures

Health:	1	<b>HMIS Index:</b>
Flammability:	0	0 = Minimal
Reactivity:	0	1 = Slight
Personal Protection:	B	2 = Moderate
		3 = Serious
		4 = Severe

= Safety Glasses & Gloves

#### Section III - Physical Data

Appearance @ 25°C	Clear Straw to Colorless Liquid
Odor	Typical, Bland
Specific Gravity @ 25°C	1.011 - 1.016
Refractive Index @ 20°C	1.500 - 1.503
Ester Content, (Assay)(GC) %	95.0 – 105.0
Acid value, ml 0.1N NaOH/gram	0.2 Maximum
Chromatographic Purity, %:	-
*Each	0.5 Maximum
*Total	2.0 Maximum
Identification	Passes Test A&B

#### Section IV - Fire and Explosion Hazard Data

Flash Point:	Cleveland Open Cup (155°C)	Flammable Limits:	Lower	Upper
AOCS: Tn Ia-64	310°F		N/A	N/A

Fire Extinguishing Media: Water Fog, Mist, or Spray. Foam or Carbon Dioxide.  
Special Fire-Fighting Procedures: Treat same as oil fire. Do not use direct solid water stream.  
Unusual Fire and Explosion Hazards: None  
N/A = Not Applicable N/D = Not Determined Listed in TSCA



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**Section V - Health Hazard Data**

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Threshold Limit Value:	Not Determined
Effects of Overexposure:	None Expected
Emergency and First Aid Procedures:	
Ingestion:	If person is conscious, give large amount of water. Get immediate medical help.
Eye Contact:	Flush with water for 15 minutes. If irritation persists, get medical help.
Skin Contact:	Remove contaminated clothing. Wash affected area thoroughly with soap and water.

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**Section VI - Reactivity Data**

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Stability:	Unstable _____	Conditions to Avoid:	None
	Stable <u>  X  </u>		
Incompatibility (Materials to avoid)	None		
Hazardous Decomposition Products:	Burning may produce Carbon Dioxide or Carbon Monoxide.		
Hazardous Polymerization:	May Occur _____	Conditions to Avoid:	None
	May Not Occur <u>  X  </u>		

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**Section VII - Spill or Leak Procedures**

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Steps to be taken in case material is released or spilled:  
 Stop spill at source. Dike area of spill to prevent spreading. Wipe up, mop, or soak up with any porous and absorbent clay. Shovel up into disposable containers. Residue can be washed up with detergent and water or flushed down sanitary sewer.  
 Waste Disposal Method:  
 Discarded material should be deposited on approved landfill area or incinerated in compliance with Federal and Local Regulations.

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**Section VIII - Special Protection Information**

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Respiratory Protection (Specify Type):	None required under normal use conditions		
Ventilation:	Local Exhaust:	Exhaust Fan Preferred	Special:
	Mechanical (General)		Other: Usual Fresh Air Source
Protective Gloves:	Neoprene - Coated Gloves	Eye Protection:	Safety Goggles
Other Protection			
Equipment:	Normal work clothing covering arms and legs.		

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**Section IX - Special Precautions**

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Precautions to be taken in handling and storing:  
 Use normal precautions to keep off skin and out of eyes. Store in lined steel or poly-lined drums.  
 Other Precautions: None

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**Section X - Handling and Storage**

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Precautions:  
 Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe

gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents.

**Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area.

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**Section XI – Exposure Controls / Personal Protection**

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**Engineering controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:**

Safety glasses. Lab coat. Respiratory protection is generally not required if used in a well ventilated area or under a fume hood.

**Personal Protection in Case of a Large Spill:\**

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:**

Not available

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**Section XII – Stability and Reactivity Data**

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**Stability:** This product is stable.

**Instability Temperature:** N/A

**Conditions of instability:** Excess heat, incompatible materials

**Incompatibility with various substances:** Reactive with oxidizing agents.

**Corrosivity:** N/A

**Special Remarks on Reactivity:** N/A

**Special remarks on corrosivity:** N/A

**Polymerization:** Will not occur

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**Section XIII – Toxicological Information**

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**Routes of entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**

LD50: N/A

LC50: N/A

**Chronic effects on Humans:** N/A

**Other toxic effects on Humans:** Slightly hazardous in case of skin contact (irritant, sensitizer, permeator), or of ingestion.

**Special Remarks in Toxicity to Animals:** N/A

**Special Remarks on Chronic Effects on Humans:** N/A

**Special Remarks on other Toxic Effects on Humans:**

**Acute Potential Health Effects:**

**Skin:** Causes skin irritation. May cause contact dermatitis in sensitive individuals.

**Eyes:** Causes eye irritation with painful inflammation and reversible damage with prompt first aid.

**Inhalation:** It may cause respiratory tract and mucous membrane irritation. However, it is not a primary entry route. It is considered to be a low hazard for usual industrial handling.

Ingestion: No information found at this time.

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#### Section XIV – Ecological Information

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Ecotoxicity: N/A

BOD5 and COD: N/A

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special remarks on the Products of Biodegradation: N/A

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#### Section XV – Transport Information

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DOT Classification: Not a DOT controlled material (USA)

Identification: N/A

Special Provisions for Transport: N/A

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#### Section XVI – Other Regulatory Information

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Federal and State Regulations: TSCA 8(b) inventory: Octyl Salicylate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC) :

This product is not classified according to the EU regulations. N/A

HMIS (USA)

Health Hazard:	1
Fire Hazard:	1
Reactivity:	0
Personal Protection:	a

National Fire Protection Association (USA):

Health:	1
Flammability:	1
Reactivity:	0
Specific Hazard:	

Protective Equipment:

N/A

Lab coat

N/A

Safety glasses

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