



Material Safety Data Sheet

I Product: ORANGE ENERGY PINE-SOL® ALL PURPOSE CLEANER										
Description: CLEAR, ORANGE, THIN LIQUID WITH AN ORANGE, CITRUS ODOR										
Other Designations	Distributor									
	K-Chem, Inc. PO Box 530632 Birmingham, AL 35253									
Emergency Telephone Nos.										
For Medical Emergencies, call 1-800-446-1014. For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).										
II Health Hazard Data	III Hazardous Ingredients									
Eye irritant. No medical conditions are known to be aggravated by exposure to this product. FIRST AID: EYE CONTACT: Immediately rinse with water for 15 minutes. If irritation persists, call a doctor. INGESTION: Drink a glassful of water. Call a doctor or poison control center. SKIN CONTACT: Rinse with plenty of water. If irritation persists, call a doctor. INHALATION: Move person to fresh air. If breathing problems develop, call a doctor.	<table border="1"> <thead> <tr> <th><u>Ingredient</u></th> <th><u>Concentration</u></th> <th><u>Worker Exposure Limit</u></th> </tr> </thead> <tbody> <tr> <td>Alkyl alcohol ethoxylates CAS # 66455-15-0</td> <td>1 - 5%</td> <td>Not established.</td> </tr> <tr> <td>Sodium xylene sulfonate CAS # 1300-72-7</td> <td>0.5 - 2%</td> <td>Not established.</td> </tr> </tbody> </table> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p>	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>	Alkyl alcohol ethoxylates CAS # 66455-15-0	1 - 5%	Not established.	Sodium xylene sulfonate CAS # 1300-72-7	0.5 - 2%	Not established.
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IV Special Protection and Precautions	V Transportation and Regulatory Data									
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Engineering Controls: Use local exhaust to minimize exposure to product mist. Personal Protective Equipment: Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.	DOT/IATA/IMDG: Not restricted. EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 or under Section 304/CERCLA.									
VI Spill Procedures/Waste Disposal	VII Reactivity Data									
Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.	Stable under normal use and storage conditions.									
VIII Fire and Explosion Data	IX Physical Data									
Flash Point: >93°C (closed cup) Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO ₂), foam, or water spray.	pH..... 10 - 11 Specific gravity.....~1.0 Solubility in water.....Soluble									