

MATERIAL SAFETY DATA SHEET
JUNGLERAIN CLEAN LEAF READY TO USE

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SECTION I

MANUFACTURED FOR: JUNGLERAIN
ADDRESS: 501 QUAIL GARDEN DRIVE
ENCINITAS, CALIFORNIA 92024
(404) 874-3326 (CERTS) CHEMICAL

EMERGENCY PHONE NUMBER:
EMERGENCY ONLY (760) 943-9236
PHONE NUMBER FOR INFORMATION: APRIL 27, 2002
DATE REVISED: SALIENT CORPORATION
NAME OF PREPARER: CLIFFORD M. CANTRELL

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

INGREDIENT CAS NO. OSHA PELACIGH TLVOTHER STEL% OR RINGS KNONE AS DEFINED BY OSHA UNDER 29 CFR 1910.1200NOTE: AN '◆' UNDER 'SKIN' INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT. DOES NOT CONTAIN ANY SARA TITLE III, SECTION 313 SUBSTANCES. SEE SECTION IX FOR REPORTING REQUIREMENTS.

EPA HAZARD CATEGORIES
ACUTE HEALTH - CHRONIC HEALTH

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212oF	Specific Gravity (H2O=1)	1.00 - 1.01
Vapor Pressure (mm Hg)	17	Melting Point	> 300F
Vapor Density (Air=1)	2.4	Evaporation Rate (Water=1)	1
Solubility in Water:	Complete		
Appearance and odor:	Clear liquid with orange odor.		
VOC CONTENT:	NONE		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (TCC) Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: APPROPRIATE TO SURROUNDING FIRE

Fire Fighting Procedures: APPROPRIATE TO SURROUNDING FIRE

Unusual Fire and Explosion Hazards: NONE.

SECTION V- REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): STRONG OXIDIZERS.

Hazardous Decomposition or Byproducts: NONE.

Hazardous Polymerization: Will Not Occur

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SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? <u>No</u> Skin? <u>No</u> Ingestion? <u>Yes</u> Eyes? <u>Yes</u>
Health Hazards (Acute and Chronic):	None known.
Carcinogenicity:	
NTP?	Ingredients not listed.
IARC Monographs?	Ingredients not listed.
OSHA Regulated?	Ingredients not listed.
Signs and Symptoms of Exposure:	
INHALATION:	No harmful effects expected.
INGESTION:	Possible minor irritation of digestive system if large quantities are ingested.
SKIN CONTACT:	Possible irritation to extremely sensitive individuals.
EYE CONTACT:	Possible burning sensation.
Medical Conditions Generally Aggravated by Exposure:	Unknown
Emergency and First Aid Procedures:	
INHALATION:	Remove victim to fresh air.
EYE CONTACT:	Flush eyes in clear running water. If irritation results and persists, GET MEDICAL ATTENTION.
SKIN CONTACT:	Wash skin with soap and water. If clothing is contaminated, wash before reuse.
INGESTION:	Rinse mouth and dilute stomach contents with 3-4 glasses of water. Treat symptomatically. If vomiting, stomach pain or diarrhea result, CONSULT A PHYSICIAN.
OTHER INFORMATION:	Not known to be mutagenic or carcinogenic.

VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	
SMALL SPILLS:	FLUSH TO SANITARY SEWER.
LARGE SPILLS:	DIKE AREA AND TRANSFER SPILL TO CLOSED CONTAINERS FOR DISPOSAL IN AN APPROVED FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RINSE SPILL AREA WITH WATER. UNCONTAMINATED PRODUCT IS NOT A US RCRA HAZARDOUS WASTE.
Waste Disposal Method:	DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
Precautions to Be Taken in Handling and Storing:	KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:	KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

SECTION VIII- Control Measures

Respiratory Protection (Specify Type):	Not required for normal and intended use.
Ventilation:	Not required for normal and intended use.
Protective Gloves:	Not required for normal and intended use.
Eye Protection:	Not required for normal and intended use.
Other Protective Clothing or Equipment:	Not required for normal and intended use.
Work/Hygienic Practices:	Wash product from clothes and skin. Use good housekeeping practices.

SECTION IX - Additional Information

ENVIRONMENTAL

BIODEGRADABILITY:	BIODEGRADABLE.
WASTE DISPOSAL METHODS: WITH LOCAL,	DISPOSE OF IN AN AUTHORIZED WASTE FACILITY IN ACCORDANCE STATE AND FEDERAL REGULATIONS.

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ADDITIONAL INFORMATION

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTY CONTAINER CLOSED TIGHTLY.

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES	REPORTING NOT REQUIRED
SECTION 304- HAZARDOUS RELEASES	REPORTING NOT REQUIRED
SECTION 311- COMMUNITY RIGHT TO KNOW (R-T-K) INVENTORY ABOVE TPQ.	REPORTING REQUIRED FOR
SECTION 312- R-T-K INVENTORY DATA INVENTORY ABOVE TPQ.	REPORTING REQUIRED FOR
SECTION 313- EMISSIONS AND RELEASE CERCLA	REPORTING NOT REQUIRED SAME AS SECTION 304

REFERENCES

TOXIC SUBSTANCE CONTROL ACT LIST (TSCA) - INGREDIENTS LISTED.

PERMISSIBLE EXPOSURE REFERENCES:

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
TITLE 29 CODE OF FEDERAL REGULATIONS
NATIONAL TOXICOLOGY PROGRAM (NTP) REPORT ON CARCINOGENS
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS

REGULATORY STANDARDS:

DOT TITLE 49 CODE OF FEDERAL REGULATIONS 172.101
SARA TITLE III
NUCLEAR REGULATORY AGENCY

DOT SHIPPING NAME: CHEMICAL, NOS (NOT DOT/IMO HAZARDOUS)

DOT HAZARD LABEL: NONE

THIS DOCUMENT COMPLIES WITH OSHA FORM 174 AS REQUIRED UNDER 29 CFR 1910.1200.

THE INFORMATION CONTAINED HEREIN is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

MATERIAL SAFETY DATA SHEET
JUNGLERAIN CLEAN LEAF CONCENTRATE

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EPA HAZARD CATEGORIES
ACUTE HEALTH - CHRONIC HEALTH

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212oF	Specific Gravity (H2O=1)	0.98 - 1.00
Vapor Pressure (mm Hg)	17	Melting Point	> 30OF
Vapor Density (Air=1)	2.4	Evaporation Rate (Water=1)	1
Solubility in Water:	Complete		
Appearance and odor:	Clear liquid with orange odor.		
VOC CONTENT:	NONE		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (TCC) Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: APPROPRIATE TO SURROUNDING FIRE

Fire Fighting Procedures: APPROPRIATE TO SURROUNDING FIRE

Unusual Fire and Explosion Hazards: NONE.

SECTION V- REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): STRONG OXIDIZERS.

Hazardous Decomposition or Byproducts: NONE.

Hazardous Polymerization: Will Not Occur

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SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? No Skin? No Ingestion? Yes Eyes? Yes
 Health Hazards (Acute and Chronic): None known.
 Carcinogenicity:
 NTP? Ingredients not listed.
 IARC Monographs? Ingredients not listed.
 OSHA Regulated? Ingredients not listed.
 Signs and Symptoms of Exposure:
 INHALATION: No harmful effects expected.
 INGESTION: Possible minor irritation of digestive system if large quantities are ingested.

 SKIN CONTACT: Possible irritation to extremely sensitive individuals.
 EYE CONTACT: Possible burning sensation.
 Medical Conditions Generally Aggravated by Exposure: Unknown
 Emergency and First Aid Procedures:
 INHALATION: Remove victim to fresh air.
 EYE CONTACT: Flush eyes in clear running water. If irritation results and persists, GET MEDICAL
 ATTENTION.
 SKIN CONTACT: Wash skin with soap and water. If clothing is contaminated, wash before reuse.
 INGESTION: Rinse mouth and dilute stomach contents with 3-4 glasses of water. Treat
 symptomatically. If vomiting, stomach pain or diarrhea result, CONSULT A
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Steps to Be Taken in Case Material is Released or Spilled:
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 Precautions to Be Taken in Handling and Storing: KEEP CONTAINER CLOSED WHEN NOT IN USE.
 Other Precautions: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

SECTION VIII- Control Measures

Respiratory Protection (Specify Type): Not required for normal and intended use.
 Ventilation: Not required for normal and intended use.
 Protective Gloves: Not required for normal and intended use.
 Eye Protection: Not required for normal and intended use.
 Other Protective Clothing or Equipment: Not required for normal and intended use.
 Work/Hygienic Practices: Wash product from clothes and skin. Use good housekeeping practices.

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SECTION IX - Additional Information

ENVIRONMENTAL

BIODEGRADABILITY: BIODEGRADABLE.

WASTE DISPOSAL METHODS: DISPOSE OF IN AN AUTHORIZED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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