

**MATERIAL SAFETY DATA SHEET
SAF-2-KLEEN**

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HAZARD RATINGS NFPA HMIS DATA		
HEALTH	1	0= MINIMAL 1= SLIGHT
FIRE	0	2=MODERATE 3=HIGH
REACTIVITY	0	4=EXTREME

SECTION I

MANUFACTURED FOR: _____ Sierra Chemical Company _____
 ADDRESS: 788 Northport Drive
 West Sacramento, CA 95691

EMERGENCY PHONE NUMBER: _____
 PHONE NUMBER FOR INFORMATION: (800) 552-3787 (CERTS) CHEMICAL EMERGENCY ONLY

DATE REVISED: May 14, 2008
 NAME OF PREPARER: SALIENT CORPORATION
 CLIFFORD M. CANTRELL

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

INGREDIENT	CAS NO.	OSHA PEL	ACIGH TLV	OTHER STEL	% OR RNG	S K
None as defined under 29 CFR 1910.1200						

NOTE: 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 SUBSTANCE SUBJECT TO REPORTING.

**EPA HAZARD CATEGORIES
ACUTE HEALTH**

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212°F	Specific Gravity (H2O=1)	1.005- 1.015
Vapor Pressure (mm Hg)	17	Melting Point	< 32°F
Vapor Density (Air=1)	2.1	Evaporation Rate (Water=1)	1
pH	10.5		
Solubility in Water:	Complete		
Appearance and odor:	Clear purple liquid with lemon fragrance.		
VOC CONTENT:	NONE		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None Flammable Limits: LEL: N/A UEL: N/A
 Extinguishing Media: APPROPRIATE TO SURROUNDING FIRE
 Special Fire Fighting Procedures: APPROPRIATE TO SURROUNDING FIRE
 Unusual Fire and Explosion Hazards: NONE

SECTION V- REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to Avoid): DO NOT MIX WITH ACIDS, OXIDIZERS OR ANY OTHER CHEMICAL.
 Hazardous Decomposition or Byproducts: HEAT.
 Hazardous Polymerization: Will Not Occur

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SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes

Health Hazards (Acute and Chronic): CORROSIVE TO SKIN AND EYES.

Carcinogenicity:

NTP? Ingredients not listed.

IARC Monographs? Ingredients not listed.

OSHA Regulated? Ingredients not listed.

Signs and Symptoms of Exposure:

INHALATION: While unlikely, may irritate sensitive individuals.

INGESTION: May be toxic by ingestion.

SKIN CONTACT: May irritate sensitive individuals.

EYE CONTACT: Irritation, burning sensation.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures:

INHALATION: Remove victim to fresh air. If breathing does not returned to normal, GET MEDICAL ATTENTION

EYE CONTACT: Rinse eyes in clear running water for at least 15 minutes lifting upper and lower lids periodically to assure complete rinsing. If irritation results and persists, GET MEDICAL ATTENTION.

SKIN CONTACT: Wash with soap and water. If irritation results and persists, GET MEDICAL ATTENTION.

INGESTION: If swallowed, promptly drink a large quantity (several glasses) of water or salt water. Induce vomiting. Seek MEDICAL ADVICE.

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: Small spills may be absorbed in sawdust or sand and disposed of in a sanitary landfill.

Waste Disposal Method: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. Uncontaminated product is not a US EPA hazardous waste.

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: General exhaust as required for comfort.

Protective Gloves: Rubber or neoprene recommended to reduce/prevent skin contact.

Eye Protection: Chemical goggles.

Other Protective Clothing or Equipment: As required to reduce or prevent skin contact.

Work/Hygienic Practices: Wash product from clothes and skin. Use good housekeeping practices

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.

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
SECTION 304- HAZARDOUS RELEASES
SECTION 311- COMMUNITY RIGHT TO KNOW (R-T-K)

REPORTING NOT REQUIRED
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REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.

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SECTION 312- R-T-K INVENTORY DATA
SECTION 313- EMISSIONS AND RELEASE
CERCLA

REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
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: CHEMICALS, N.O.S. (NOT DOT/IMO REGULATED)

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.