

**MATERIAL SAFETY DATA SHEET**  
**J. M. SADDLER, INC.**  
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**COLLEGE STATION, TX 77845**

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**(800) 627-2807**

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PRODUCT NAME: **RAP LAST**  
FORMULA: PROPRIETARY  
CHEMICAL NAME: CAPSAICIN

**\*NFPA RATINGS:**  
FIRE: 2  
HEALTH: 2  
REACTIVITY: 1  
SPECIFIC HAZARD: IRRITANT

**\*DEGREE OF HAZARD**  
4 SEVERE  
3 SERIOUS  
2 MODERATE  
1 SLIGHT  
0 MINIMAL

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**SECTION I: HAZARDOUS INGREDIENTS**

<b>INGREDIENT</b>	<b>PERCENT</b>	<b>TLV</b>
CAPSAICINOIDS	0.5	NOT ESTABLISHED
SYNTHETIC ISOPARAFFINIC HYDROCARBON	80	NFPA RATING 1

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**SECTION II: PHYSICAL DATA**

**BOILING POINT:** APPROXIMATELY 450 DEGREES F.  
**VAPOR PRESSURE (MM HG):** 32.8 @ 68 DEGREES F.  
**VAPOR DENSITY (AIR=1):** 5.90  
**SOLUBILITY IN WATER:** FORMS AN UNSTABLE EMULSION  
**SPECIFIC GRAVITY (WATER=1):** .79 @ 60 DEGREES F.  
**% VOLATILE BY VOLUME:** 80%  
**PH:** NA  
**EVAPORATION RATE:** NOT ESTABLISHED  
**APPEARANCE AND ODOR:** DARK GOLD LIQUID WITH VERY PUNGENT ODOR.

### **SECTION III: HEALTH HAZARDS**

#### **POTENTIAL EFFECTS OF EXPOSURE:**

**EYES:** Will cause severe irritation.

**SKIN:** Will cause irritation. Discomfort is especially acute on the mouth, nose, and groin.

**INHALATION:** Vapors or fine mist will cause sneezing and coughing..

**INGESTION:** Can cause severe irritation to the lungs and stomach..

#### **FIRST AID:**

**EYES:** Copious lavage with cool water for twenty minutes. Follow with topical antibiotic to the eye. No Patch..

**SKIN:** Wash with copious amounts of soap and cool water, or alcohol.

**INHALATION:** Remove victim to fresh air. If sneezing, coughing, or irritation persists for more than several minutes, get medical attention. Oxygen should be administered and patients should be treated for acute upper airway burn.

**INGESTION:** Do not induce vomiting. Get immediate medical attention. Lavage with a large bore tube and saline solution followed by installation of antacids and antihistamines such as Benadryl. Cimetidine also may be used to help prevent bleeding caused by secondary hyperacidity.

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### **SECTION IV: FIRE AND EXPLOSION DATA**

**FLASH POINT:** 180 DEGREES F. CLEVELAND OPEN CUP

**FLAMMABILITY LIMITS:** UPPER: 1.3 % @ 77 DEGREES F.  
LOWER: 8.8 % @ 77 DEGREES F.

**EXTINGUISHING MEDIA:** Water, foam, dry chemical, or CO2.

**SPECIAL FIRE FIGHTING PROCEDURES:** Vapors could be very pungent. Wear self contained breathing apparatus.

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### **SECTION V: REACTIVITY DATA**

**STABILITY:** Stable.

INCOMPATABILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and various unidentified organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

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## **SECTION VI: SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill with absorbent material. Remove all sources of ignition. If area is not well ventilated provide mechanical ventilation while cleaning. Carefully pick up with mop, or if the spill is small enough absorb completely with absorbent material. Store in a non-leaking container.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations.

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## **SECTION VII: SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: Wear a self contained breathing apparatus in high vapor concentrations.

VENTILATION REQUIRED: Mechanical

PROTECTIVE CLOTHING:

EYES: Safety Goggles

SKIN: Rubber Gloves

OTHER PROTECTIVE EQUIPMENT: Solvent resistant rubber apron.

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## **SECTION VIII: ADDITIONAL INFORMATION**

NO ADDITIONAL INFORMATION

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THIS INFORMATION HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. NO WARRANTY EXPRESSED OR IMPLIED IS MADE. ALL MATERIALS PRESENT UNKNOWN HAZARDS. USE CAUTION!!!