



MATERIAL SAFETY DATA SHEET

Lemon Scratch & Sniff Ink

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MSDS115 Revision 1
Revision Date 10/10/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Lemon scratch and sniff ink.
Description Lemon scented scratch and sniff over print varnish.
Company LCR Hallcrest
1911 Pickwick Lane
Glenview
IL 60026
Telephone +1 847 998 8580
Fax +1 847 998 6866
Emergency telephone number +1 847 998 8580
Intended use Labels and packaging where a lemon scented scratch and sniff effect is desired.

2. HAZARDS IDENTIFICATION

Statement of Hazard May cause eye and skin irritation, aspiration may cause irritation.
Properties Color Clear amber liquid
State Liquid
Odor Characteristic

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Product	%	CAS #	OSHA PEL	ACGIH TLV
Water	78.0	7732-18-5	NONE	NONE
Gluteraldehyde	0.02	111-30-8	0.8 mg / M ³	0.2 mg / M ³

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Prolonged contact can cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation, redness, and blurred vision. Rinse immediately with plenty of water for 15 minutes. Do not remove contacts if worn. Consult a physician immediately.

Inhalation	Mist may cause irritation to mucous membranes. Move the exposed person to fresh air. If irritation persists, contact physician.
Ingestion	Non-toxic. May cause abdominal discomfort, nausea, vomiting and diarrhea. DO NOT INDUCE VOMITING. If patient is conscious and can swallow, give 2 glasses of water. Call physician or poison control immediately.
Note to physician	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

5. FIRE FIGHTING MEASURES

Extinguishing media	CO ₂ , Dry chemical, BC/ABC extinguishers.
Fire / explosion hazards	None known
Firefighting procedures	Do not direct a solid stream of water or foam into hot, burning pools, this may cause frothing and increase fire intensity.
Protective equipment	Use self-contained breathing apparatus and body-covering protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Containment	Soak up with sand or sweeping compound and dispose as solid waste.
Disposal	Product is safe for disposal into industrial sewers. Use sufficient water to avoid gelling and excessive foaming.

7. HANDLING AND STORAGE

Handling	Use good hygiene practices when handling product to avoid contact with eyes, skin and clothing.
Storage	Keep container closed when not in use. Store between 40°F and 120°F.
Precautions	Prevent skin and eye contact. Avoid breathing this material. Do not swallow.
Empty containers	Empty containers may retain product residue (liquid and/or vapor) and can be potentially dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, open flame, static electricity or other sources of ignition, they may explode and cause injury or death.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	None established
Hand protection	Impervious gloves
Eye protection	Chemical goggles
Respiratory protection	Not required
Protective equipment	Wear protective clothing to prevent skin contact.
Engineering controls	Good manufacturing procedures are expected when using this material. Ventilation is not required under normal use. Misting operations may require adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid
Appearance	Light yellow / amber liquid
pH (10% Aqueous)	5.0
Solubility in water	Soluble
Odor	Characteristic
Flash point	>200°C / >400°F
Boiling point	>100°C
Freezing point	0°C
% Volatile	78% as water
Specific gravity @ 60°F	0.98
Density @ 60°F	8.2 lbs / gal
Viscosity	300 cps (12 secs / #5 Zahn cup)

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous polymerization	Will not occur.
Incompatibility	Strong oxidizing agents / reducing agents.
Conditions to avoid	Prolonged excessive heat may cause product decomposition.
Hazardous decomposition products	Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

Proper shipping name None, non-hazardous material.

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Pentylphenyl	Y	N	N	N	N	N	N	N	N

16. OTHER INFORMATION

Statement of Hazard

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

TSCA

All components are TSCA compliant.

HMIS LABELLING

HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0 PERSONAL PROTECTION: B