



Date Issued: 8/17/2011

Material Safety Data Sheet

Product Name: L20 - Hawaiian Shine

1. Product and Company Information

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545

Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

Generic Description: Clear thin liquid with Cherry odor

NFPA Profile: Health 1 Flammability 3 Reactivity 0

2. OSHA Hazard Components

CAS Number	Wt %	Component Name
110-54-3		n-Hexane
142-82-5		Heptane

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

3. Effects of Overexposure

Inhalation:

Inhalation of vapors irritates the respiratory tract. Overexposure may cause lightheadedness, nausea, headache, and blurred vision. Greater exposure may cause muscle weakness, numbness of the extremities, unconsciousness and death.

Ingestion:

May produce abdominal pain, nausea. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms expected to parallel inhalation.

Skin Contact:

May cause redness, irritation, with dryness, cracking.

Eye Contact:

Vapors may cause irritation. Splashes may cause redness and pain.

Chronic Exposure:

Repeated or prolonged skin contact may defat the skin and produce irritation and dermatitis. Chronic inhalation may cause peripheral nerve disorders and central nervous system effects.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance. May affect the developing fetus.

4. First Aid Measures

Eye Contact:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

Skin Contact:

In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

Inhalation:

If overcome by vapor, remove victim to fresh air and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

Ingestion:

If ingested, DO NOT induce vomiting; call a physician immediately.



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5. Fire Fighting Measures

Flash Point -23°C (-9°F) TCC	Upper Flamability Limit	7.7 %
Auto Ignition 224°C (435°F)	Lower Flamability Limit	1.2 %

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

6. Accidental Release Measures

CLEAN WATER ACT / OIL POLLUTION ACT

This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

7. Handling and Storage

HANDLING PRECAUTIONS

This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

8. Exposure Controls and Personal Protection

110-54-3 n-Hexane

500 ppm OSHA PEL - TWA
50 ppm OSHA TLV - TWA
50 ppm OSHA VPEL - TWA



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142-82-5 Heptane

 400 ppm ACGIH TWA
 500 ppm OSHA PEL
 500 ppm OSHA STEL
Ventilation:

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

Respiratory Protection:

If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airtight hood, or full-facepiece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134).

Protective Gloves:

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection:

Use splash goggles or face shield when eye contact may occur.

Work Practices:

To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with (THE) National Fire Protection Association PUBLICATIONS.

9. Physical and Chemical Properties

Physical State Liquid	Color clear	Vapor Press 130 mmHg
pH NA	Specific Gravity .731	Viscosity
Vapor Density (Air=1) 3.0	Melting Point °F unknown	Odor Cherry
Water Solubility very low	VOC Content 80%, 4.78 lb/gal	

10. Stability and Reactivity

Stability Stable **Hazardous Polymerization** Not Expected to Occur

Conditions to Avoid Keep away from extreme heat, Strong Acids, Alkalies and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen

Hazardous Decomposition Products No substances are readily identifiable from composition but no degradation data is available.

11. Toxicological Information**NATURE OF HAZARD AND TOXICITY INFORMATION**

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

This product is judged to have an acute oral LD50 (rat) greater than 5 g/kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16 g/kg of body weight.

12. Ecological Information

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the Environmental Protection Agency (EPA).

13. Disposal Information



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13. Disposal Information

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

Please refer to Sections 5, 6 and 15 for additional information.

14. Transportation Information

Combination package, inner package under 1 Liter
Not Considered Hazardous, exception 173.150(b)(2)

Non-bulk packagings (capacity greater than or equal to 1 Liter)
UN1993, Flammable Liquid, N.O.S. (Naphtha Solvent), 3, PG II

Transported by air or marine vessel:

Bulk or non-bulk packagings
UN1993, Flammable Liquid, N.O.S. (Naphtha Solvent), 3, PG II

15. Regulatory Information

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355
(SARA Sections 301-304)

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313)

This product contains approximately 1.8% Methylcyclopentane

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312)

EPA Hazard Classification Codes: Chronic, Fire

TOXIC SUBSTANCES CONTROL ACT (TSCA)

This product does not contain polychlorinated biphenyls (PCB's).

All components of this product are listed on the U.S. TSCA inventory.

Warning: This product contains a chemical known to the state of California to cause Cancer.

16. Other Information

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.



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