

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Liquid Carnaubá**

Application: Auto Wax

Chemical Description: Solvent-based polish

Manufacturer: Vaughan Industries, Inc.

Address: 8490 Lyndon Detroit, MI 48238

Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: reproductive toxicity (2) specific target organ systemic toxicity-single exposure (2) eyes central nervous system acute toxicity: inhalation (4) skin corrosion/irritation (2) serious eye damage/eye irritation (2B) specific target organ toxicity (single exposure) [narcotic effects] (3) aspiration hazard (1) highly flammable liquid and vapor (1) may be fatal if swallowed and enters airways (1) may cause drowsiness or dizziness (3)



SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes skin irritation; Causes serious eye irritation; Suspected of damaging fertility of the unborn child; May cause damage to organs (eyes, central nervous system); Flammable liquid and vapor;

Harmful if inhaled; Causes skin and eye irritation; May be fatal if swallowed and

enters airways; May cause drowsiness and dizziness; Harmful to aquatic life

PRECAUTION STATEMENTS: Obtain special instructions before use; Do not handle until all safety precautions have been read and understood; Keep away from heat/sparks/open flame/hot surfaces. No smoking; Keep container tightly closed; Ground/bond container and receiving equipment; Use explosion proof electrical/ventilating/lighting/equipment; Use only non-sparking tools; Take precautionary measures against static discharge; Do not breathe mist of vapors; Do not eat, drink or smoke when using this product; Wear protective gloves/protective clothing/eye protection/face protection; If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower; If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; If exposed or concerned: Get medical advice/attention; If skin irritation occurs: Get medical advice/attention; If eye irritation persists: Get medical advice/attention; Keep container tightly closed; Use only outdoors or in a well ventilated area; If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing; Call a poison center or physician if you feel unwell; If swallowed: Immediately call a poison center or physician; Do not induce vomiting; Take off contaminated clothing; Store locked up; Store in a well ventilated place; Keep cool; Dispose of contents and container in accordance with all local, regional, national and international regulations; Avoid breathing dust/fume/gas/mist/vapors/spray; Wash with soap and water thoroughly after handling

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Petroleum hydrocarbons	8052-41-3	10-30
2-Propanol	67-63-0	1-5
Aminofunctional siloxane	69430-37-1	1-5

4. FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention.

SKIN: Wash with water. If irritation persist, seek medical help.

RESPIRATORY: Move to fresh air. If necessary, give oxygen and seek medical attention.

INGESTION: Do not induce vomiting. Do not give liquids. Consult a physician.

5. FIRE HAZARD DATA

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical

SPECIAL FIREFIGHTING PROCEDURE: Avoid solid water streams

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILLS: Place remainder in suitable container for disposal.

7. HANDLING AND STORAGE

VENTILATION: Equivalent to outside

RESPIRATORY PROTECTION: Normally not required

EYE PROTECTION: Safety glasses or goggles are always recommended

GLOVES: Plastic or rubber as used for washing

PROTECTIVE CLOTHING: Clean work clothes

STORAGE: Store in dry area at temperatures above freezing. Use chemical goggles and gloves when

transferring concentrates

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: n/m

ENGINEERING CONTROLS: Use with adequate ventilation. Ensure eye wash and safety shower stations are available near areas where product is used.

PERSONAL PROTECTION EQUIPMENT: Safety glasses must be worn. Maintain eye wash facilities in the work area. Wear gloves impervious to conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Yellow emulsion

pH: n/a

INITIAL BOILING POINT AND RANGE: 180°F

SOLUBILITY IN WATER: Negligible

VAPOR PRESSURE: 44 mm Hg at 77°F

FLASH POINT: 54°F (TCC)

AUTOIGNITION TEMPERATURE: n/m

EVAPORATION RATE: 2.83; butyl acetate = 1

ODOR: cherry

VISCOSITY: n/m

PARTITION COEFF: n-octanol/water: n/m

VAPOR DENSITY: 2.1; air = 1

FLAMMABLE LIMITS: LFL: 2.0% UFL: 12.7%

DECOMPOSITION TEMPERATURE: n/m

ODOR THRESHOLD: n/m

RELATIVE DENSITY:

MELTING/FREEZING PT: n/m

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Ingredient 1: 100 ppm; Ingredient 2: 400 ppm

PRECAUTIONARY STATEMENT: May cause eye and skin irritation

EYE CONTACT: May cause eye irritation

SKIN CONTACT: Prolonged contact can cause irritation. May be absorbed through the skin.

RESPIRATORY: May reduce oxygen in the air. High concentrations may cause headache, nausea, central nervous system depression.

INGESTION: May cause gastrointestinal irritation. May be fatal if swallowed.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

INGREDIENTS LIST AS CARCINOGEN: None listed

12. ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

ENVIRONMENTAL FATE: Bioaccumulation is not expected to be significant.

ECOLOGICAL DATA: Ingredient 2: Chub, 24 h, 1000 ppm; Ingredient 3: Bluegill, 96 h, LC50, 15,400 mg/L;

Daphnia, 48 h, EC50, > 10,000 mg/L; Algae, 96 h, 22,000 mg/L

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

US DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: Combustible liquid, n.o.s.

Hazard Class: n/a

UN/NA Number: NA 1993

Packing Group: III

Labels Required: Contains petroleum solvent

15. REGULATORY INFORMATION

SARA: This product contains no material regulated under SARA Title III Section 313.

US CERCLA REPORTABLE QUANTITY: None

US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

OTHER US FEDERAL REGULATIONS: None

16. OTHER INFORMATION

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose. n/a: not available n/m: not measured

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