

PRODUCT NAME: ABRO Carnauba Wax Liquid
PRODUCT NUMBER/SIZE: LW-811

Revision Date: 6/11/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628 USA
PRODUCT DESCRIPTION: Automotive Wax
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:
Skin Irritation – 2
Aspiration Hazard – 1

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: May be fatal if swallowed and enters airways. Causes skin irritation.

Precautionary Phrases: Wash skin thoroughly after handling. Wear protective gloves.

Response: IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse.

Storage / Disposal: Store locked up. Dispose of contents in accordance with local, national and international regulations.

Other: Fire: The steam expelled with temperature over 81°C is inflammable, only when exposed to flame. Health: The main risks are linked to ingestion. If ingested, can cause nausea and vomiting. Environment: The residues should not be thrown on public sewage system or with the domestic garbage.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Water	7732-18-5	60-68%
Eco Solvent	64741-65-7	12-18%
Aluminum Silicate	1332-58-7	3-6%
Silicone Fluid	63148-62-9	3-6%
Carnauba Wax	8015-86-9	2-4%
White Mineral Oil	8012-95-1	4-7%
Polytetrafluoroethylene	NA	0.1-0.3%
Morpholine	110-91-8	0.2-0.4%
Acrylic Resin	1336-21-6 + 1314-13-2	1.5-4.5%
Preservant	5251-7 + 26172-55-4 + 2682-20-4	0.1-0.3%
Essence	NA	0.1-0.3%

SECTION 4 First Aid Measures

EYE CONTACT: Wash abundantly the contacted area with running water for at least 15 minutes. If the irritation persists, get medical attention.

SKIN CONTACT: Wash affected area thoroughly with soap and water.

INHALATION: Does not cause health problem if inhaled.

INGESTION: Do not induce vomiting. Drink lots of water and seek medical attention.

SYMPTOMS OR EFFECTS: No information available.

RECOMMENDATIONS FOR IMMEDIATE MEDICAL CARE OR SPECIAL TREATMENT: No information available.

SECTION 5 Fire Fighting Measures

RECOMMENDED EXTINGUISHING MEDIA: Use chemical powder and CO₂ as extinguisher agent.

UNUSUAL OR SPECIFIC FIRE AND EXPLOSION HAZARDS: No information available.

FIREFIGHTING INSTRUCTIONS AND PROTECTIVE EQUIPMENT: No information available.

SECTION 6 Accidental Release Measures

PERSONAL PRECAUTIONS: Wear suitable individual protective equipment.

EMERGENCY PROCEDURES: No information available.

METHODS AND MATERIALS FOR CONTAINMENT: No information available.

CLEANUP PROCEDURES: No information available.

OTHER INFORMATION: Inform authorities if the product entered watercourses, sewer, or low areas. Eliminate sources of ignition. Prevent additional discharge of material.

SECTION 7
Handling and Storage

STORAGE RECOMMENDATIONS:

Keep working clothes in separate place.
 Keep away from foods, drinks and dog food.
 Keep the package closed, in a cool and dry place.
 Do not handle or store near an open flame, heat, or other source of ignition.
 Provide well ventilation place.
 Packages materials: Metallic can. Plastic recipients.

HANDLING PRECAUTIONS:

Electrostatic Accumulation Hazard: No
 Loading/Unloading pressure: Atmospheric
 Loading/Unloading temperature: Ambient
 Local Ventilation: Not required
 Handle and open packages carefully.
 Use the required individual protective equipment.

SECTION 8
Exposure Controls/Personal Protection

EXPOSURE LIMITS:

Ingredient	Source	Type	Value
No information available			

ENGINEERING CONTROLS: No information available.

RECOMMENDED PERSONAL PROTECTIVE MEASURES:

Respiratory Protection: Not necessary.
Hands Protection: Not necessary. For open systems where contact is likely, wear long sleeves, chemical resistant gloves (PVC).
Eye Protection: Safety glasses.
Hygienic Instructions: Take off immediately contaminated clothes. Wash hands before eating and after handling. Take shower after handling.

SPECIAL PPE REQUIREMENTS: None.

OTHER INFORMATION: None

SECTION 9
Physical and Chemical Properties

Appearance:	Creamy, white liquid
Upper/lower flammability or explosive limits:	No data available.
Odor:	Characteristic
Vapor pressure:	No data available.

Odor threshold:	No data available.
Vapor density:	No data available.
pH:	8.3-8.7
Relative density / Specific gravity:	0.990 g/cm ³ (20/4° C)
Melting point/freezing point:	No data available.
Solubility:	Soluble in water
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	NA

Other Information:

Minimum fulgency point:	81°C
Solidity:	14.00%

SECTION 10 Stability and Reactivity

REACTIVITY: No information available.

CHEMICAL STABILITY: Stable under normal conditions of storage and handling.

POSSIBILITY OF HAZARDOUS REACTIONS / POLYMERIZATION: Will not occur.

CHEMICAL INCOMPATIBILITIES: No information available.

CONDITION TO AVOID: Avoid all possible sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: No information available.

SECTION 11 Toxicological Information

Routes of Exposure: No information available.

Delayed, Immediate and Chronic Effects: No information available.

Toxicity Measures: No information available.

Description of Symptoms: No information available.

Carcinogen Information: No information available.

Skin: Not irritating. Long hours of contact can cause dry skin.

Eyes: Eye irritation

SECTION 12 Ecological Information

TOXICITY TEST DATA: No information available.

PERSISTENCE AND DEGRADATION: Fewer biodegradable.
BIOACCUMULATION POTENTIAL: No information available.
SOIL-GROUNDWATER MOBILITY: No information available.
OTHER ADVERSE EFFECTS: No information available.

SECTION 13 Disposal Considerations

RECOMMENDED DISPOSAL PROCEDURES: Do not dispose residues in the public net of sewers or with domestic garbage. Discard in conformance with local, county, state and federal regulations. Recycling or incineration is methods adjusted for disposal.

SPECIAL DISPOSAL INSTRUCTIONS: The empty package must be clean before recycling or final disposal.

OTHER INFORMATION: No additional information available.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT This product is not regulated as a DOT hazardous material.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

IMO/IMDG This product is not regulated as a dangerous good for transport by vessel.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

ICAO/IATA This product is not regulated as a dangerous good for transport by aircraft.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard Class: Not applicable
Packing Group: Not applicable

Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

Canada This product is not regulated as a dangerous good in Canada.

(TDG) UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

Europe This product is not regulated as a dangerous good under ADR/RID

(ADR/RID) UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

SECTION 15 Regulatory Information

Phrases R: 43-51/53

Phrases S: S16 Keep away from open flame, heat, sparks, or other source of ignition

S26 If material get in touch with eyes, flush eyes immediately with running water, and seek for medical care.

S29/56 Do not dispose residues in public sewer. Dispose of in accordance with local authorities regulations regarding pollution.

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and

disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable