

SECTION 1. IDENTIFICATION

Product Name: Ceramic Liquid Wax / CW-016-LW
Chemical Name: Mixture
CAS No: Mixture
Date Issued/Modified: 8/16/2021
Recommended use: Automotive care product

Manufacturer/Supplier/Distributor information

Company name: ABRO Industries, Inc.
Address: 3580 Blackthorn Ct.
South Bend, IN 46628
USA
Telephone: 574-232-8289
Emergency Telephone number: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

Classification of substance or mixture

This product is a hazardous material as per OSHA HCS (29 CFR 1910.1200)
Eye Irrit. 2; Skin Irrit. 2, Acute Tox 4

Label elements

Hazard Symbol(s)



Signal Word(s)

Warning

Hazard Statement (s)

Causes serious eye irritation
Causes skin irritation
Harmful if swallowed

Precautionary Statements (s)

Wear eye/face protection and gloves.
Wash hands and exposed skin after use.
Avoid breathing in dust, wear approved respiratory protection if exposure is greater than suggested exposure limits (see Section 8)
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.



IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF SWALLOWED: Do not give anything by mouth to an unconscious person. Get immediate medical advice/attention if you feel unwell. Rinse mouth.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% w*	CAS No.
Water	65-85	7732-18-5
Dimethicone	1-10	63148-62-9
Calcined kaolin	1-10	92704-41-1
Ethoxylated alcohol	0.1-3	Trade secret
Proprietary polymer	0.1-3	Trade secret
Morpholine	0.1-3	110-91-8

* The exact identity and percentages are withheld as trade secret in accordance with 29 CFR 1910.1200. No other hazardous ingredients are present in reportable quantities.

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove individual from site of exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Skin contact: Immediately wash exposed area with soap and water for at least 15 minutes, then with water for at least 5 minutes. If reddening persists, or if open sores or blisters develop, see a physician. Remove contaminated clothing and launder before re-use.

Eye contact: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention immediately. If physician is not immediately available, continue flushing with water. Do not use chemical antidote.

Ingestion: Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Remove dentures if any. If material has been swallowed and the victim is conscious, give small quantities of water to drink. Do not induce vomiting. Obtain emergency medical attention if feeling unwell.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use an extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media

None known.

Advice for fire-fighters

Fire-fighters should wear complete protective clothing including self-contained breathing apparatus (SCBA). Structural firefighter's protective clothing will only provide limited



protection. Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot, burning liquid.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Work under sufficient ventilation. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes. Avoid breathing fume/gas/mist/vapors/spray. Use personal protective equipment.

Environmental precautions:

Prevent release to the environment. Prevent liquid entering sewers, basements and workpits. Collect spills.

Methods and material for containment and cleaning up:

Contain spillages with absorbent material (sand, earth, universal binder or any suitable material). Dispose of absorbed material in accordance with the regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from fire, sparks and heated surfaces and don't smoke. Wear protective gloves and protective clothings and eye and face protections. Avoid contact with skin and eyes. Only open the container at areas with sufficient ventilation.

Conditions for safe storage, including any incompatibilities

Store at room temperature in tightly closed containers. Prevent contact with heat and ignition sources and oxidizers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Morpholine (CAS: 110-91-8)

PEL (OSHA): 20 ppm (8hr TWA); TLV (ACGIH): 20 ppm (8hr TWA)

Calcined Kaolin (CAS: 92704-41-1)

PEL (OSHA): 15 mg/m³ respirable dust (8hr TWA)

PEL (OSHA): 5 mg/m³ total dust (8hr TWA)

TLV (ACGIH): 2 mg/m³ respirable dust (8hr TWA)

Exposure Controls

Engineering controls

If user operation generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Ensure easy access to an eyewash and a safety shower. Adequate ventilation is recommended, especially in enclosed areas.

Personal Protective equipment

Eyes Protection: Wear glasses with side-shields.

Skin protection: Wear nitrile gloves and body-covering clothing.



Respiratory Protection: When facing concentrations above the exposure limit, workers must use appropriate certified respirators.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light-brown cream
Odor:	Characteristic/fruity
Odor threshold:	Not available
pH:	9-11
Melting point/freezing point:	Not available
Boiling point:	Not available
Flash point:	> 200 °F
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Explosive limit ranges:	Not available
Vapor pressure:	Not available
Vapor Density:	Not available
Density:	Not available
Solubility in water:	Not available
Viscosity:	> 5000 cSt at 25 °C
Volatile organic content:	<1%

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No specific test data available for this compound
Chemical stability:	Stable under recommended storage conditions
Conditions to avoid:	No specific data available for this compound
Materials to avoid:	Oxidizing agents
Hazardous decomposition products:	Under normal storage and usage condition, hazardous decomposition productions are not expected to be produced
Hazardous reactions:	No dangerous reaction known under conditions of normal use

SECTION 11. TOXICOLOGICAL INFORMATION

The toxicological effect of this product has not been tested. The information below has been compiled from the data reported for the concentrated individual components. Ingredients other than the ones listed below are considered to have very low acute toxicity.

Ethoxylated alcohol (CAS: Trade secret): Can cause eye and skin damage/irritation and is of oral acute toxicity. Oral LD50: 1000-2000 mg/kg (rat). Dermal LD50: > 2,000 mg/kg (rabbit).

Morpholine (CAS: 110-91-8): Acute oral toxicity LD50: 1900 mg/kg (Guinea pig); Dermal LD50: 500 mg/kg (rat). Causes severe skin burns and eye damage.

Calcined Kaolin (CAS: 92704-41-1): Chronic inhalation of dust in excess of PEL (OSHA) over a prolonged number of years may cause lung changes.

SECTION 12. ECOLOGICAL INFORMATION

The ecological effect of this product has not been tested. The information below has been compiled from the data reported for the concentrated individual components. This product is not expected to cause a severe environmental harm.

Dimethicone (CAS: 63148-62-9): Non-toxic to fish. Very slow to biodegrade but potential for bioaccumulation is low.

Ethoxylated alcohol (CAS: Trade secret): Shows toxicity to fish LC50 (96 h): 1 - 10 mg/l (Fathead minnow, Pimephales promelas), but it readily biodegrades.

Morpholine (CAS: 110-91-8): Toxic to fish (statis LC50 - Oncorhynchus mykiss (rainbow trout) - 380 mg/l - 96 h. Readily biodegrades.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14. TRANSPORT INFORMATION

This material is not regulated for road transport, as per the US DOT regulations (49 CFR US DOT).

SECTION 15. REGULATORY INFORMATION

Inventory Status

United States TSCA Inventory (TSCA)

All components are listed/registered/compliant or exempt.

US Superfund Amendments and Reauthorization Act (SARA) Title III

SARA 302/304 – Extremely hazardous substances

None known

SARA 311/312 – Hazard categories

Fire hazard

Immediate (acute) health hazard

Delayed (chronic) health hazard

SARA 313 – Toxic chemicals

None known

California Proposition 65

None known

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