



zymöl enterprises, inc.
P.O. Box 469
North Branford, CT 06471

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Zymöl Autowash
PRODUCT CODE	CSZ505
CHEMICAL FAMILY	Mixture: Water, Soap, Additives
CHEMICAL NAME	Automotive cleaning products
FORMULA	Mixture

MANUFACTURER

Zymöl Enterprises Inc.
P. O. Box 469
North Branford, CT 06471
Phone: 1-800-999-5563

EMERGENCY TELEPHONE NUMBERS

Transportation:
CHEMTREC: 800-424-9300
Medical:
Contact your local Poison Control Center

2. POSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
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EXPOSURE LIMITS 8 hrs. TWA(ppm)

OSHA PEL
n/av

ACGIH TLV
n/av

CARCINOGEN
(OSHAS, NPT, IARC)
n/av

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: Mist or Spray may cause irritation to nose throat and lungs. No Chronic effects known.

INGESTION: May cause digestive system upsets and/or Nausea. No chronic effects known.

SKIN CONTACT: Can cause irritation with excessive or repeated contact. No chronic effects known.

EYE CONTACT: Can cause irritation. No chronic effects known.

4. **FIRST AID MEASURES**

EYE: Flush with water for 15 minutes. Get prompt medical attention if effects persist.

SKIN: Remove contaminated clothing. Rinse affected areas thoroughly with water.

INHALATION: Remove to fresh air. Use artificial respiration and oxygen if needed.

INGESTION: Rinse mouth immediately. Drink large amounts of water. Do not induce vomiting. Get prompt medical attention.

5. **FIRE FIGHTING MEASURES**

FLASH POINT: (Open Cup): 200°F Explosive Limits: Lower: n/av Upper: n/av

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES: May be combustible if heated above flash point. Protect eyes from splashes.

6. **ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES: Flush material to sewer or ground if permitted by local regulations. Floor may be slippery.

7. **HANDLING AND STORAGE:** Keep away from strong oxidizers such as peroxides. Keep containers closed. Keep from freezing.

STORAGE TEMPERATURE (MIN./MAX.): 33 degrees F / 100 degrees F

SHELF LIFE: 18 – 24 months when sealed in original container

SPECIAL SENSITIVITY: None

HANDLING AND STORAGE PRECAUTIONS: Keep away from strong oxidizers such as peroxides. Keep containers closed. Keep from freezing.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION REQUIREMENTS: Wear splash proof goggles. Have convenient eye wash stations.

SKIN PROTECTION REQUIREMENTS: Wear water resistant gloves as needed to reduce exposure.

RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS: Use face mask or approved respirator appropriate for concentration of mist.

INGESTION PROTECTION REQUIREMENTS: Avoid swallowing. Wear face shield if face contact is likely.

EXPOSURE LIMITS: In all cases get prompt medical attention if effects persist.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Liquid

COLOR: Blue

ODOR: Fruity Coconut & Banana

BOILING POINT: 200 degrees Fahrenheit

MELT / FREEZE POINT:

PH: 7.5

SOLUBILITY IN WATER: complete

SPECIFIC GRAVITY: 1.029

% NON-VOLATILE BY WEIGHT: 28%

VAPOR PRESSURE @ 20 degrees Celsius: N/A

VAPOR DENSITY: N/A

10. **REACTIVITY**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITIES: strong oxidizers such as peroxides.

DECOMPOSITION PRODUCTS IF BURNING: CO₂, CO, Hydrocarbons

11. **TOXICOLOGICAL INFORMATION**

ACUTE INHALATION: N/A

CHRONIC INHALATION: N/A

ACUTE SKIN CONTACT: prolonged or repeated contact can cause moderate irritation, de-fatting or dermatitis

CHRONIC SKIN CONTACT: N/A

ACUTE EYE CONTACT: Can cause irritation, redness, tearing or blurred vision

12. **ECOLOGICAL INFORMATION** There is no information available at this time.

13. **DISPOSAL CONSIDERATIONS**

RCRA HAZARDOUS WASTE: Not classified as a hazardous waste.

WASTE DISPOSAL METHOD: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT INFORMATION: Not regulated as a hazardous material

PROPER SHIPPING NAME: Non Bulk Not regulated
Bulk Not Regulated

TECHNICAL SHIPPING NAME: Consumer commodity

HAZARD CLASS: Non Bulk None
Bulk None

UN NUMBER: None

PRODUCT RQ (lbs): None

LABEL: Non Bulk Not Required
Bulk Not Required

PLACARD: Non Bulk None
Bulk None

FREIGHT CLASS BULK: None

FREIGHT CLASS PACKAGE: None

PRODUCT LABEL None

15. REGULATORY INFORMATION

TSCA STATUS: All ingredients listed

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

**SECTION 302 EXTREMELY
HAZARDOUS SUBSTANCES** None

**SECTION 311/312
HAZARD CATEGORIES**

Acute Health	No
Chronic Health	No
Fire	No
Reactive	No
Sudden Release of Pressure	No

SECTION 313
CHEMICAL NAME CAS NUMBER CONCENTRATION

RCRA STATUS: Not a RCRA hazardous waste

CANADIAN STATUS: All materials contained in this product are listed on the Canadian Domestic Substances List (DSL).

EUROPEAN UNION: All materials contained in this product are listed on EINECS

STATE REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT/

CAS NUMBER

None

CONCENTRATION

n/ap

STATE CODE

none

16. OTHER INFORMATION

HMIS CLASSIFICATION

Health 1

Flammability 1

Reactivity 0

PPI B

NFPA RATING

Health 1

Fire 1

Reactivity 0

Special None

REASON FOR ISSUE

Revised for ANSI format

PREPARED BY

Charles Bennett

TITLE

CEO

APPROVAL DATE

June 20, 2008

SUPERCEDES DATE

June 21, 1999

REVISION NUMBER

1.3

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