



zymöl enterprises, inc.
191 Champion Drive
Brooksville, FL 34601

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Zymöl Clear
PRODUCT CODE	CS203
CHEMICAL FAMILY	Mixture: Water, Soap, Additives
CHEMICAL NAME	Automotive Cleaning Compound
FORMULA	Mixture

MANUFACTURER

Zymöl Enterprises Inc.
191 Champion Drive
Brooksville, FL 34601
Phone: 1(352) 540-9085

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 %)
Cocomide (Ethanol)	64-17-5	<1%

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: Slight Mucus Membrane irritant

INGESTION: No significant ingestion hazard

SKIN CONTACT: Slight skin irritant

EYE CONTACT: Slight to moderate irritant

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. Consume water and vinegar to dilute. Contact poison control center.

5. **FIRE FIGHTING MEASURES**

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

EXTINGUISHING MEDIA: Use water spray, dry chemical or carbon dioxide for surrounding material

SPECIAL FIRE FIGHTING PROCEDURES: None. Will not support combustion.

6. **ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES: May be rinsed into waterways with large amounts of water to dilute. Absorb with clay or similar material.

7. **HANDLING AND STORAGE**

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

SHELF LIFE: 18 – 24 Months if sealed in the original container

SPECIAL SENSITIVITY: None

HANDLING AND STORAGE PRECAUTIONS: Avoid prolonged contact with skin and clothing. Wash after use.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION REQUIREMENTS: Safety glasses if needed.

SKIN PROTECTION REQUIREMENTS: Rubber or neoprene if needed

RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS: Use NIOSH approved organic vapor cartridge if needed.

INGESTION PROTECTION REQUIREMENTS: Avoid swallowing.

EXPOSURE LIMITS: Not established for product.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Liquid

COLOR: amber

ODOR: lemon odor

BOILING POINT: 169° (F)

MELT / FREEZE POINT: N/A

PH: 6.5 – 7.5

SOLUBILITY IN WATER: appreciable

SPECIFIC GRAVITY: 1

% NON-VOLATILE BY WEIGHT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

10. **REACTIVITY**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: None under normal processing.

INCOMPATIBILITIES: Avoid strong oxidizing agents

DECOMPOSITION PRODUCTS: None

11. **TOXICOLOGICAL INFORMATION**

ACUTE INHALATION: N/A

CHRONIC INHALATION: N/A

ACUTE SKIN CONTACT: prolonged or repeated exposure may excite dermatitis or eczema

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: None

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

Technical Shipping Name Change

PREPARED BY

Charles Bennett

TITLE

CEO

APPROVAL DATE

June 20, 2008

SUPERCEDES DATE

March 1991

REVISION NUMBER

1.3

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