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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME: TRUCK WASH CONCENTRATE

OTHER MEANS OF IDENTIFICATION

Product Code F96
SDS Number E-133

Recommended Uses Truck wash cleaner.

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889
COMPANY FAX NUMBER (716) 854-2809
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)
NORTH AMERICA 800-535-5053
INTERNATIONAL 352-323-3500

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Skin corrosion/irritation Category 1 Sub-category B
Serious eye damage/eye irritation Category 1

SIGNAL WORD: Danger

HAZARD STATEMENTS



HAZARD STATEMENTS 1. Causes severe skin burns and eye damage

APPEARANCE Blue Liquid

PHYSICAL STATE Liquid

PRECAUTIONARY STATEMENTS

PREVENTION Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE Immediately call poison center or doctor/ physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF ON SKIN/HAIR: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF EXPOSED/CONCERNED: Get medical advice/ attention.

STORAGE Store locked-up. Keep away from children.

DISPOSAL Dispose of contents/container to an approved waste disposal plant.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) May be harmful if swallowed

OTHER INFORMATION N/A

UNKNOWN ACUTE TOXICITY 2.396% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %	Trade Secret
Sodium Hydroxide	1310-73-2	5% - 15%	*
Sodium metasilicate	6834-92-0	1% - 10%	*
2-Butoxyethanol	111-76-2	1%-5%	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE Provide this SDS to medical personnel for treatment.

EYE CONTACT Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

SKIN CONTACT Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. Call a physician immediately.

INHALATION Remove to fresh air. If breathing is difficult, seek medical attention.

INGESTION Give large quantities of water to dilute stomach contents. Consult a physician. Immediate medical attention is required.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

NOTES TO PHYSICIAN Treat symptomatically

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA Use of water spray when fighting fire may be inefficient

SPECIFIC HAZARDS ARISING FROM CHEMICAL Not determined

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS Avoid contact with the skin and the eyes. Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment.
ENVIRONMENTAL PRECAUTIONS See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Prevent further leakage or spillage is safe to do so
CLEAN-UP Sweep up spilled material taking care not to produce dust.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

INCOMPATIBLE MATERIALS Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium metasilicate 6834-92-0	-	2 mg/m ³	-
2-Butoxyethanol 111-76-2	TWA: 20ppm	TWA: 50PPM TWA:240 mg/m ³ S*	IDLH: 700ppm TWA: 5 ppm
Sodium hydroxide 1310-73-2	-	2mg/m ³	IDLH: 10mg/m ³ Ceiling: 2 mg/m ³
	NIOSH IDLH	Immediately Dangerous to Life or Health	

ENGINEERING CONTROLS: Ensure adequate ventilation

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Splash-proof chemical goggles or face shield.
SKIN/BODY PROTECTION	(Impervious rubber, alkali-proof protective gloves. Impervious rubber boots & apron..).
RESPIRATORY PROTECTION	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
GENERAL HYGIENE	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPERANCE	Liquid
COLOR	Blue
ODOR	None
ODOR THRESHOLD	Not determined
pH	13.0 ± .5
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
EVAPORATION RATE	Not determined
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not determined
LOWER FLAMMABILITY LIMITS	Not determined

VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	Not determined
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
PARTITION COEFFICIENT N-OCTANOL/ WATER	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	Not determined
VOC Content(%)	< 1%

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions
CHEMICAL STABILITY	Stable under recommended storage conditions
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing
CONDITIONS TO AVOID	Keep out of reach of children. Extremes of temperature and direct sunlight.
INCOMPATIBLE MATERIALS	Acids.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon dioxide if in contact with acid.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Severely irritating to eyes.
SKIN CONTACT	Contact causes severe skin irritation and possible burns.
INHALATION	Severe respiratory irritant.
INGESTION	Severe irritation of the gastrointestinal tract, causing vomiting, nausea and burns.

COMPONENT INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hydroxide 1310-73-2	= 140 mg/kg (Rat)	= 1350 g/kg (Rabbit)	= 2300 mg/m ³ (Rat) 2 h
Sodium metasilicate 6834-92-0	= 600 mg/kg (Rat)	-	-
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4h

SYMPTOMS Please see section 4 of this SDS for symptoms.

Chronic toxicity No known effect. No reportable carcinogens, mutagens, sensitizers, synergistic materials, teratogens, or reproductive toxins.

NUMERICAL MEASURES OF TOXICITY-PRODUCT INFORMATION

Unknown Acute Toxicity 2.396% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 2700 mg/kg
ATEmix (dermal) 15260 mg/kg
ATEmix (inhalation-dust/mist) 3.9 mg/l

12. ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
2- Butoxyethanol 111-76-2	-	1490 - 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	-	1698-1940 24 h Daphnia magna mg/L EC50>1000: 48 h Daphnia magna mg/L EC50
Sodium metasilicate 6834-92-0	-	210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	-	216: 96 h Daphnia magna mg/L EC50
Sodium Hydroxide 1310-73-2	-	45:4: 96 h Oncorhynchus mykiss mg/L LC50 static	-	-

PERSISTENCE AND DEGRADABILITY Not determined
BIOACCUMULATION Not determined
OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING Do not reuse container.



Safety Data Sheet

This product contains one or more substances that are listed with the State of California as a hazardous waste.

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS
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d-Limonene	Toxic
5989-27-5	
Sodium hydroxide	Toxic
1310-73-2	Ignitable

14. TRANSPORT INFORMATION

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ ID No	UN1760
Proper Shipping Name	Corrosive liquids
Hazard Class	n.o.s. (sodium hydroxide, sodium metasilicate)
Packing Group	III
Emergency Response Guide Number	154

IATA

UN/ ID No	UN1760
Proper Shipping Name	Corrosive liquids
Hazard Class	n.o.s. (sodium hydroxide, sodium metasilicate)
Packing Group	III
Emergency Response Guide Number	154

IMDG

UN/ ID No	UN1760
Proper Shipping Name	Corrosive liquids
Hazard Class	n.o.s. (sodium hydroxide, sodium metasilicate)
Packing Group	III
Emergency Response Guide Number	154

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(B) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing/Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AJCS	Australian inventory of chemical substances

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
2-Butoxyethanol 111-76-2	1.0

SARA 311/312 HAZARD CATEGORIES

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	Yes



Safety Data Sheet

CLEAN WATER ACT (CWA)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2	1000 lb			X

U.S. EPA LABEL INFORMATION

EPA PESTICIDE REGISTRATION NUMBER Not applicable

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	2	0	0	Not determined

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	2	0	0	X

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET