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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME HEXZENE PLUS

OTHER MEANS OF IDENTIFICATION

SDS Number

Recommended Uses Disinfectant/Cleaner/Deodorizer/Mildew stat/Fungicide

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 1-800-633-8253
INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Acute Toxicity, Oral Category 4
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 irritation.
2. Harmful if swallowed

APPEARANCE Clear or Red PHYSICAL STATE Liquid

PRECAUTIONARY STATEMENTS

PREVENTION	Keep container tightly closed. No smoking. Use only with adequate ventilation. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective equipment as required.
RESPONSE	Immediately call poison center or doctor/ physician.
IF SWALLOWED	Call POISON CENTER or doctor/ physician if you feel unwell. 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 eye irritation persists: Get medical advice/attention.
IF ON SKIN/HAIR	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
IF INHALED	Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.
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)	N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Alkyl dimethyl ammonium chloride compound	68956-79-6	0-10
Sodium Carbonate	497-19-8	0-5
Alcohols Ethoxylated	68412-54-4	0-5
Lemon Quat Fragrance	N/A	<0.1

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.



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SKIN CONTACT IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

INHALATION Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.

INGESTION Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS Ingesting large amounts of this product may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

NOTES TO PHYSICIAN Treat symptomatically

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Water fog, foam, dry chemical powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA None known

SPECIFIC HAZARDS ARISING FROM CHEMICAL Irritating and toxic gasses or fumes may be released during a fire. Use water spray to keep fire-exposed containers cool.

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 Use personal protective equipment as required. Immediately evacuate personnel to safe areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors.

ENVIRONMENTAL PRECAUTIONS See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP



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CONTAMINATION

Keep unnecessary and unprotected personnel away. Shut off all ignition sources. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

CLEAN-UP

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into container for later disposal. Do not flush into surface water or sanitary sewer system. Dispose of the waste material according to local, state and government requirements. Following product recovery, flush area with water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES

Protect material from direct sunlight. Do not breathe vapor. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Do not taste or swallow. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation or outdoors. Wash hands thoroughly after handling.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS

Store locked up. Keep containers tightly closed in a dry, cool and well ventilated place with a temperature not lower than 50°F or higher than 120°F. Store out of direct sunlight, and away from incompatible materials.

INCOMPATIBLE MATERIALS

Incompatible with strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

No occupational exposure guidelines have been determined for this product.

ENGINEERING CONTROLS

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower should be near workstation.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION SKIN/BODY PROTECTION RESPIRATORY PROTECTION GENERAL HYGIENE

Refer to 29 CFR 1910.133 for eye and face protection regulations.

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Refer to 29 CFR 1910.134 for respiratory protection requirements.

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPERANCE	Clear or Red
COLOR	Clear or Red
ODOR	Virtually Odorless
ODOR THRESHOLD	Not determined
pH	10.5 – 11.5
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
EVAPORATION RATE	Estimated Slower than ethyl ether
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not determined
LOWER FLAMMABILITY LIMITS	Not determined
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.008
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Complete
PARTITION COEFFICIENT	Not determined
N-OCTANOL/ WATER	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	50 cps @ 25° C

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. Heat and strong oxidizing agents.
INCOMPATIBLE MATERIALS	Strong oxidizing agents, reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Contact with eyes causes serious eye damage.
SKIN CONTACT	Contact may cause skin irritation.
INHALATION	Not likely, due to the form of the product.
INGESTION	Harmful if swallowed.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Alkyl dimethyl ammonium chloride compound 68956-79-6	344 mg/kg (Rat)	344 mg/kg (Rat)	344 mg/kg (Rat)

SYMPTOMS Causes irritation to the eyes including redness, tearing and blurred vision.

CARCINOGENICITY No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, IARC or NTP.

NUMERICAL MEASURES OF TOXICITY-PRODUCT Not determined.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

PERSISTENCE AND DEGRADABILITY	Readily biodegradable
BIOACCUMULATION	Does not accumulate or bio-magnify in the environment.
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	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT
Not regulated

IATA



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Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

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

U.S. FEDERAL REGULATIONS

This product is a pesticide registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

EPA Registration Number 1839-79-19

SARA 313/312 HAZARD CATEGORIES

Not Regulated

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	3	Not determined	Not determined	Not determined

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	3	Not determined	Not determined	B

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