

ISSUE DATE: November 2013

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VERSION: 2

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME ULTRA POT & PAN DETERGENT

OTHER MEANS OF IDENTIFICATION

SDS Number DKO

UN/ID No E-80

Recommended Uses Heavy Duty Pot & Pan Detergent

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS 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

OSHA REGULATORY STATUS This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

LABEL ELEMENTS

EMERGENCY OVERVIEW

WARNING If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

This product contains no substances which at their given concentration, are considered to be hazardous to health.

APPERANCE Transparent
PHYSICAL STATE Liquid
ODOR Fresh

PRECAUTIONARY STATEMENTS

PREVENTION Do not handle until all safety precautions have been read and understood.

RESPONSE If exposed or concerned: Get medical advice/attention.

IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell.

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 Wash with plenty of soap and water.

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

STORAGE Store in a well-ventilated place.

DISPOSAL Dispose of contents/container to approved disposal facility.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

OTHER INFORMATION May be harmful if swallowed.
Harmful to aquatic life with lasting effects.

UNKNOWN ACUTE TOXICITY 4.1535% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE Show this safety data sheet to the doctor in attendance.

EYE CONTACT Flush with flowing water for 15 minutes & see physician.

SKIN CONTACT Wash with water for 15 minutes. See physician if irritation persists.

INHALATION Move to fresh air. If irritation persists, see a physician.

INGESTION Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

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 water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.

UNSUITABLE EXTINGUISHING MEDIA

CAUTION: Use of water spray when fighting fire may be inefficient.

SPECIFIC HAZARDS ARISING FROM CHEMICAL

Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

HAZARDOUS COMBUSTION PRODUCTS

If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrogen oxides.

EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT None.

SENSITIVITY TO STATIC DISCHARGE None.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Avoid exposure to fumes or vapors.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**PERSONAL PRECAUTIONS**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment.

ENVIRONMENTAL PRECAUTIONS**ENVIRONMENTAL PRECAUTIONS**

See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP**CONTAMINATION**

Prevent further leakage or spillage if safe to do so.

CLEAN-UP

Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING**ADVICE ON SAFE HANDLING**

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

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)**TECHNICAL MEASURES/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

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Review Section 3 & 4 for Exposure Guidelines.

NIOSH IDLH

Immediately Dangerous to Life or Health.

ENGINEERING CONTROLS Ensure adequate ventilation and that running water is available for washing eyes and skin.

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. Practice good personal hygiene. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid
APPERANCE Transparent
COLOR Blue
ODOR Fresh
ODOR THRESHOLD No information available.
pH 7.5
MELTING POINT/FREEZING POINT No information available.
BOILING POINT/BOILING RANGE 100 °C / 212 °F
FLASH POINT No information available.
EVAPORATION RATE GT 1.00
FLAMMABILITY (SOLID, GAS) No information available.
UPPER FLAMMABILITY LIMITS No information available.
LOWER FLAMMABILITY LIMITS No information available.
VAPOR PRESSURE 17
VAPOR DENISTY 0.62
SPECIFIC GRAVITY 1.006
WATER SOLUBILITY Completely soluble.
SOLUBILITY IN OTHER SOLVENTS No information available.
PARTITION COEFFICIENT: N-OCTANOL/WATER No information available.
AUTO-IGNITION TEMPERATURE No information available.
DECOMPOSITION TEMPERATURE No information available.
KINEMATIC VISCOSITY No information available.
DYNAMIC VISCOSITY No information available.
EXPLOSIVE PROPERTIES No information available.
OXIDIZING PROPERTIES No information available.

OTHER INFORMATION

SOFTENING POINT No information available.
MOLECULAR WEIGHT No information available.
VOC CONTENT (%) <1%
DENSITY VALUE 8.46
BULK DENSITY VALUE No information available.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing.
CONDITIONS TO AVOID	Extremes of temperature and direct sunlight.
INCOMPATIBLE MATERIALS	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

PRODUCT INFORMATION	May be harmful if swallowed or inhaled.
EYE CONTACT	Irritating to eyes.
SKIN CONTACT	Irritating to skin.
INHALATION	Inhalation of vapors in high concentration may cause irritation of the respiratory system.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS

SYMPTOMS No information available.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

SENSITIZATION	No information available.
MUTAGENIC EFFECTS	No information available.
CARCINOGENICITY	The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
A3	Animal Carcinogen
IARC	International Agency for Research on Cancer
GROUP 1	Carcinogenic to Humans
NTP	National Toxicity Program
KNOWN	Known Carcinogen
OSHA	Occupational Safety and Health Administration
X	Present
REPRODUCTIVE TOXICITY	No information available.
STOT - SINGLE EXPOSURE	No information available.
STOT - REPEATED EXPSURE	No information available.
CHRONIC TOXICITY	No known effect.
ASPIRATION HAZARD	No information available.

NUMERICAL MEASURES OF TOXICITY – PRODUCT INFORMATION

UNKNOWN ACUTE TOXICITY 4.1535% 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) 4583 mg/kg
ATEMIX (DERMAL) 53704 mg/kg
ATEMIX (INHALATION – DUST/MIST) 90.4 mg/l

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a marine pollutant according to DOT.
Alkylbenzenesulphonates.

ECOTOXICITY 6.2735% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

PERSISTENCE AND DEGRADABILITY No information available.

BIOACCUMULATION No information available.

OTHER ADVERSE EFFECTS No information available.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL METHODS Disposal should be in accordance with applicable regional, national and local laws and regulations.

CONTAMINATED PACKAGING Do not reuse container.

THIS PRODUCT CONTAINS ONE OR MORE SUBSTANCES THAT ARE LISTED WITH THE STATE OF CALIFORNIA AS A HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

DOT

PROPER SHIPPING NAME Cleaning compound, not regulated.
This product contains a chemical which is listed as a marine pollutant according to DOT.

MARINE POLLUTANT Alkylbenzenesulphonates.

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA	DSL/NDL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
-	-	-	-	-	-	-	Compiles

LEGEND

TSCA All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDL Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS European Inventory of Existing Commercial Chemical Substances/EU List of 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.

AICS 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).

SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311-312 HAZARD CATEGORIES

ACUTE HEALTH HAZARD	Yes
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
SUDDEN RELEASE OF PRESSURE HAZARD	No
REACTIVE HAZARD	No

CLEAN WATER ACT (CWA)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. STATE REGULATIONS

CALIFORNIA PROPOSITION 65

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

This product contains substances regulated by state right-to-know regulations.

U.S. EPA LABEL INFORMATION

EPA PESTICIDE REGISTRATION NUMBER Not applicable.

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	PHYSICAL AND CHEMICAL HAZARDS
	1	0	0	-
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	1	0	0	0

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