Safety Data Sheet

Prepared according to US 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian 2015 Workplace Hazardous Materials Information System (WHMIS)

Revision Date 4-Jan-2021 **Revision Number 2**

1. IDENTIFICATION

Product Identifier
Product Name SWEPCO Zonex-K Industrial Cleaner

Other means of identification
Product Code W11200
Synonyms None

Recommended use of the chemical and restrictions on use
Recommended Use Cleaning agent
Uses advised against Any non-label use

Details of the supplier of the safety data sheet

Southwestern Petroleum Corporation
534 North Main St
Fort Worth, TX 76106 USA
Phone: 1-800-877-9372
Web: www.swepcousa.com

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Emergency Telephone Number
Chemtrec 1-800-424-9300 in US; Canutec 1-613-996-6666 in Canada.

2. HAZARDS IDENTIFICATION

Classification

The ingredients in this product mixture have been evaluated and classified according to the hazard classification requirements of 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and 2015 Canadian WHMIS Standard. The resulting hazard classification(s) and required label elements are reported in this section.

Label elements

Product Name SWEPCO Zonex-K Industrial Cleaner

Signal Word None

Hazard statements None.

Pictograms

Hazards not otherwise classified (HNOC) None known based upon available information.

Other Information
Other hazards May be harmful if swallowed. May be harmful in contact with skin. Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Unknown acute toxicity 0.08% of the mixture consists of ingredient(s) of unknown

toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture
Chemical Family Complex mixture.

Chemical Name	CAS-No	Weight %	Trade Secret
Triethanolamine	102-71-6	0 - 10%	*
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	10 - 20%	*

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

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation Move to fresh air.

Ingestion Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice. If vomiting occurs, keep head below hips to prevent aspiration.

Most important symptoms and effects, both acute and delayed

Symptoms No other information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water. alcohol-resistant foam.

Unsuitable Extinguishing Media Do not scatter spilled material with high pressure water streams.

Specific Hazards Arising from the Chemical
No other information available.

Hazardous Combustion Products No other information available.

Explosion Data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Remove all sources of ignition.

Environmental Precautions

See Section 12 for additional Ecological information.

Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Use inert absorbent materials to confine spills and absorb spill.

Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Exposure limits of this complete mixture have not been evaluated. If information is available on any of the individual components of the mixture, it is presented in the table below. Keep in mind, however, that these exposure levels are for pure concentrations of these ingredients. If no table appears below, none of the components represent a hazard or occupational exposure limits have not been established or occupational exposure limits are not known for any of the ingredients in this product:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethanolamine 102-71-6	TWA: 5 mg/m^3	-	-

Appropriate engineering controls

Use in well-ventilated area. If user operations generate mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below TLV TWA and TLV STEL.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses with side-shields.

Skin and body protection Suitable protective clothing.

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 Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid
Color Green

Odor	Pine
Odor Threshold	No other information available

Property	**Values**	**Remarks • Method**
pH	No other information available	
Melting point / freezing point	No other information available	
Boiling Point/Range	100 °C	
Flash Point	No other information available	
Evaporation Rate	No other information available	
Flammability (solid, gas)	No other information available	
Flammability Limit in Air		
Upper flammability limit:	No other information available	
Lower flammability limit:	No other information available	
Vapor pressure	No other information available	
Vapor Density	No other information available	
Relative density	1.0	
Water Solubility	No other information available	
Solubility in other solvents	No other information available	
Partition coefficient	No other information available	
Autoignition Temperature	No other information available	
Decomposition temperature		
Kinematic viscosity @40C	No other information available	
Dynamic viscosity	No other information available	
Explosive Properties	No other information available	
Oxidizing Properties	No other information available	

Other Information

Softening Point	No other information available
Molecular Weight	No other information available
Volatiles, % Vol	>78
Density	No other information available
Bulk Density	No other information available

10. STABILITY AND REACTIVITY

Reactivity

None under normal use conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal use conditions.
Hazardous polymerization does not occur.

Conditions to Avoid

Heat, flames and sparks.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principle Routes of Exposure Skin contact. Eye contact.

Product Information Toxicity of this complete mixture has not been evaluated. If information is available on any of the individual components of the mixture, it is presented in this section. If no information appears in this section, there is no toxicological information available for any of the

components of the mixture.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 20 mL/kg (Rabbit) > 16 mL/kg (Rat)	-
Benzenesulfonic acid, C10-16-alkyl derivatives 68584-22-5	= 530 mg/kg (Rat)	= 530 mg/kg (Rat)	-

Information on toxicological effects

Eye Contact Contact with eyes may cause irritation.

Skin Contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Inhalation No known hazard by inhalation.

Ingestion May be harmful if swallowed. Potential for aspiration if swallowed. Not an expected route of exposure. Aspiration may cause pulmonary edema and pneumonitis.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No other information available.
Mutagenic Effects No other information available.
Carcinogenicity The table below indicates if any agency has listed any ingredient of this product as a carcinogen. If no table appears, no toxicological information was found.

Chemical Name	ACGIH	IARC	NTP Carc	OSHA
Triethanolamine 102-71-6	-	Group 3	-	-

Reproductive Effects No other information available.
STOT - single exposure No other information available.
STOT - repeated exposure No other information available.

Chronic Toxicity No known effect

Aspiration hazard No other information available.

Numerical measures of toxicity
If this product has been classified as a toxic mixture and numerical measures of toxicity have been calculated based on chapter 3.1 of the GHS document, that data will appear below. If no toxicity calculations appear below, no data is available.

ATEmix (oral) 4,196.00
ATEmix (dermal) 3,191.00
ATEmix (inhalation-dust/mist) 21.60

12. ECOLOGICAL INFORMATION

Ecotoxicity

If ecotoxicity data is available on any of the components of this product, the data will be presented in the table below. If there is no table, there is no data available on any of the components of this product.

9.38 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Freshwater Fish	Water Flea
Triethanolamine 102-71-6	169: 96 h Desmodesmus subspicatus mg/L EC50 216: 72 h Desmodesmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static	1386: 24 h Daphnia magna mg/L EC50
Benzenesulfonic acid, C10-16-alkyl	-	3: 96 h Oncorhynchus mykiss mg/L	2.9: 48 h Daphnia magna mg/L

derivatives 68584-22-5		LC50 static	EC50

Persistence/Degradability No other information available.

Bioaccumulation/ Accumulation If bioaccumulation data is available on any of the components of this product, the data will be presented in the table below. If there is no table, there is no data available on any of the components of this product.

Chemical Name	Partition coefficient
Triethanolamine 102-71-6	-2.53
Benzenesulfonic acid, C10-16-alkyl derivatives 68584-22-5	2

Mobility in Environmental Media If mobility data is available on any of the components of this product, the data will be presented in the table below. If there is no table, there is no data available on any of the components of this product.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method Dispose of in accordance with Federal, state and local regulations.

Contaminated Packaging Do not re-use empty containers.

US EPA Waste Number Not applicable

RCRA Subtitle C of the Resource Conservation and Recovery Act (RCRA) requires disclosure of any components of this mixture that are defined as hazardous waste by the Act. If any ingredients in this product are considered hazardous waste, they will be listed in the table below. If there is no table, there are no haardous waste components in this product.

California Waste Status If this product contains one or more substances that are listed with the State of California as a hazardous waste, data will be listed in the table below. If there is no table, there is no data available.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Regulations & Inventories

All of the components in the product are on the following Inventory lists: China (IECSC).

Chemical Name	CAS-No	EINECS	ELINCS	TSCA	FIFRA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Triethanolamine	102-71-6	X	-	Present	X	X	-	X	X	X	X	KE-25940 X
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	X	-	Present	-	X	-	X	X	X	X	KE-02595 X

X = Listed; XU = Exempt; - = Not Listed

TSCA/FIFRA Complies
DSL/NDSL Complies
EINECS/ELINCS Does not Comply
ENCS Does not Comply
CHINA Complies
KECL Complies
PICCS Complies
AICS Complies

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) requires reporting of any component of this mixture that is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. If any of the ingredients in this product meet these reporting requirements, they will be listed in the table below. If there is no table, no ingredients of this product meet the reporting requirements.

Clean Water Act
The Clean Water Act (40 CFR 22.21 and 40 CFR 122.42) requires reporting of any component of this mixture designated as a regulated pollutant by the Act. If any of the ingredients in this product meet these reporting requirements, they will be listed in the table below. If there is no table, no ingredients of this product meet the reporting requirements.

CERCLA
The Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) and the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355) require disclosure of any component of this mixture that meets the reporting requirements of these Acts. If any of the ingredients in this product are regulated by one or both of these Acts, they will be listed in the table below. If there is no table, no ingredients of this product meet the reporting requirments. There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. Regulations & Inventories

California Proposition 65
California Proposition 65 requires disclosure of ingredients of this mixture that are designated as Proposition 65 substances. If any of the ingredients in this product meet these reporting requirements, they will be listed in the table below. If there is no table, no ingredients of this product meet the reporting requirements.

U.S. State Right-to-Know Regulations

The table below lists any regulatory or inventory listing information found for ingredients of this product which are considered hazardous. All other components are either listed on the inventories referenced or are exempt from listing.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Triethanolamine 102-71-6	X	X	X	-	X

U.S. EPA Label Information
EPA Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Regulatory Lists Searched & Other Sources of Information

ACGIH - American Converence of Governmental Industrial Hygienists
ADN - European Agreement for International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement for International Carriage of Dangerous Goods by Road
AICS - Australian Inventory of Chemical Substances
ANSI - American National Standards Institute
CAP65 - California Proposition 65 Hazard List
CAS - Chemical Abstract Services
CERCLA - Comprehensive Environmental Response, Compensation & Liability Act
CHINA - China Inventory
CPR - Canadian Controlled Products Regulations
DOT - United States Department of Transportation
DSL - Canada Domestic Substances List
EINECS - European Union (EU) European Inventory of Existing Commercial Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
ICAO - International Civil Aviation Organization
IMDG - International Maritime Dangerous Goods Code
MARTK - Massachusetts Right To Know List
NDSL - Canada Non-Domestic Substances List
NFPA - United States National Fire Protection Association
NIOSH - United States National Institute for Occupational Safety & Health
NJRTK - New Jersey Right To Know List
NTP - United States National Toxicology Program
OSHA - United States Occupational Safety & Health Administration
PARTK - Pennsylvania Right To Know List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
RCRA - United States Resources Conservation & Recovery Act
RID - European Agreement for International Carriage of Dangerous Goods by Rail
RIHSL - Rhode Island Hazardous Substance List
SARA - United States Superfund Amendments & Reauthorization Act
TDG - Canada Transportation of Dangerous Goods Act
TSCA - US Toxic Substances Control Act
WHMIS - Canada Workplace Hazardous Materials Information System

Definitions

EC50 - Effective Concentration (Concentration of a compound where 50% of the expected effect is observed.)
LC50 - Lethal Concentration (The concentration in water that will kill 50% of the test animals within a specific period of time, usually 96 hours.)
LD50 - Lethal Dose (The single dose that will kill 50% of the test animals by any route other than inhalation such as by ingestion or skin contact.)
OEL - Occupational Exposure Limit
PEL - Permissible Exposure Limits
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TWA - Time Weighted Average
TWAEV - Time Weighted Average Exposure Value

Prepared By Regulatory Compliance Department

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of SDS