SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 493975
Product Name: ZenAllure

 Revision Date:
 Jul 11, 2019
 Date Printed:
 Jul 16, 2019

 Version:
 2.0
 Supersedes Date:
 Nov 30, 2018

Manufacturer's Name: Zenex International

Address: 1 Zenex Circle Cleveland, OH, US, 44146

Emergency Phone: 1-800-535-5053 Information Phone Number: (440)-232-4155

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Product/Recommended Uses: Leather Cleaner

SECTION 2) HAZARDS IDENTIFICATION

Classification

Aerosols Category 1

Gases Under Pressure Compressed Gas

Skin Irritation - Category 2

Eye Irritation - Category 2

Carcinogenicity - Category 2

Pictograms









Signal Word

Danger

Hazardous Statements - Physical

H222 - Extremely flammable aerosol

H280 - Contains gas under pressure; may explode if heated

Hazardous Statements - Health

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H351 - Suspected of causing cancer

Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention

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- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.
- P264 Wash hands thoroughly after handling.

Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P332 + P313 - If skin irritation occurs: Get medical attention.

Precautionary Statements - Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

P405 - Store locked up.

P403 - Store in a well-ventilated place.

Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

| SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS | | | | |
|--|--|-------------|--|--|
| CAS | Chemical Name | % By Weight | | |
| 0000111-76-2 | ETHYLENE GLYCOL MONOBUTYL ETHER | 1.0% - 5% | | |
| 0000106-97-8 | BUTANE | 1.0% - 5% | | |
| 0000074-98-6 | PROPANE | 1.0% - 5% | | |
| 0000110-91-8 | MORPHOLINE | 0.1% - 1% | | |
| 0068603-42-9 | COCONUT DIETHANOLAMIDE | 0.1% - 1% | | |
| 0000137-16-6 | Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (1:1) | 0.1% - 1% | | |
| 0007632-00-0 | SODIUM NITRITE | 0.1% - 1% | | |
| 0000111-42-2 | DIETHANOLAMINE | 0 - 0.1% | | |
| 0001310-73-2 | SODIUM HYDROXIDE | 0 - 0.1% | | |
| 0112926-00-8 | SILICA - PRECIPITATED | 0 - 0.1% | | |
| 0000128-37-0 | BUTYLATED HYDROXYTOLUENE | 0 - 0.1% | | |
| 0000109-86-4 | 2-METHOXYETHANOL | 0 - 0.1% | | |
| 0000107-15-3 | ETHYLENEDIAMINE | 0 - 0.1% | | |
| 0000075-21-8 | ETHYLENE OXIDE | 0 - 0.1% | | |
| 0000123-91-1 | 1,4-DIOXANE | 0 - 0.1% | | |
| 0000064-19-7 | ACETIC ACID | 0 - 0.1% | | |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

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SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/lf concerned: Get medical advice/attention.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off contaminated clothing and shoes immediately. Wash affected areas with plenty of water. Wash contaminated clothing before reuse. Seek medical attention if irritation develops or persists.

Ingestion

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

Most Important Symptoms/Effects, Acute and Delayed

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards in Case of Fire

Vapors may travel to source of ignition and flash back.

Fire-Fighting Procedures

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

Special Protective Actions

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

Recommended Equipment

Wear safety glasses with side shields. Use of gloves approved from relevant standards that meet or are equivalent to OSHA 29 CFR 1910.132.

Personal Precautions

Avoid breathing vapors. Ventilate area.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7) HANDLING AND STORAGE

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General

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

Ventilation Requirements

Use in a well-ventilated place.

Storage Room Requirements

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Appropriate Engineering Controls

Ventilation should be sufficient to prevent inhalation of any vapors.

| Chemical Name | OSHA TWA (mg/m3) | OSHA TWA (ppm) | OSHA STEL (mg/m3) | OSHA Carcinogen | OSHA Skin designation | OSHA Tables (Z1, Z2, Z3) | ACGIH TWA (mg/m3) | ACGIH TWA (ppm) |
|--|------------------|-------------------|----------------------|--------------------|-----------------------|-----------------------------|-------------------|-----------------|
| 1,4-DIOXANE | 360 | 100 | | | 1 | 1 | | 20 |
| ACETIC ACID | 25 | 10 | | | | 1 | | 10 |
| BUTANE | | | | | | | | |
| DIETHANOLA MINE | | | | | | | 1 (IFV) | |
| ETHYLENE GLYCOL MONOBUTYL ETHER | 240 | 50 | | | 1 | 1 | | 20 |
| ETHYLENEDIA MINE | 25 | 10 | | | | 1 | | 10 |
| MORPHOLINE | 70 | 20 | | | 1 | 1 | | 20 |
| PROPANE | 1800 | 1000 | | | | 1 | | |
| SODIUM HYDROXIDE | 2 | | | | | 1 | | |

| Chemical Name | NIOSH STEL (ppm) | ACGIH STEL (mg/m3) | ACGIH STEL (ppm) | ACGIH Carcinogen | ACGIH TLV Basis | ACGIH Notations | NIOSH TWA (mg/m3) | NIOSH TWA (ppm) |
|--|------------------|--------------------|------------------|---------------------|-----------------------------|--------------------|-------------------|-----------------|
| 1,4-DIOXANE | | | | A3 | Liver dam | Skin; A3 | | |
| ACETIC ACID | 15 | | 15 | | URT & eye irr; pulm func | | 25 | 10 |
| BUTANE | | | 1000 (EX) | | CNS impair | | 1900 | 800 |
| DIETHANOLA MINE | | | | А3 | Liver & kidney dam | Skin; A3 | 15 | 3 |
| ETHYLENE GLYCOL MONOBUTYL ETHER | | | | А3 | Eye & URT irr | A3; BEI | 24 | 5 |
| ETHYLENEDIA MINE | | | | A4 | | Skin; A4 | 25 | 10 |

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| MORPHOLINE | 30 | | | A4 | Eye dam; URT irr | Skin; A4 | 70 | 20 |
|---------------------|----|-----|---|----|----------------------|----------|------|------|
| PROPANE | | | Simple asphyxiant (D), explosion hazard (EX) | | Asphyxia | | 1800 | 1000 |
| SODIUM HYDROXIDE | | C 2 | | | URT, eye, & skin irr | | | |

| Chemical Name | NIOSH STEL (mg/m3) | OSHA STEL (ppm) | NIOSH Carcinogen |
|--|-----------------------|-----------------|---------------------|
| 1,4-DIOXANE | | | 1 |
| ACETIC ACID | 37 | | |
| BUTANE | | | |
| DIETHANOLA MINE | | | |
| ETHYLENE GLYCOL MONOBUTYL ETHER | | | |
| ETHYLENEDIA MINE | | | |
| MORPHOLINE | 105 | | |
| PROPANE | | | |
| SODIUM HYDROXIDE | | | |

⁽C) - Ceiling limit, (IFV) - Inhalable fraction and vapor, A2 - Suspected Human Carcinogen, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, eff - Effects, func - Function, impair - Impairment, irr - Irritation, pulm - Pulmonary, repro - reproductive, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| Density Density VOC % VOC | 8.35 lb/gal 0.73 lb/gal 8.80% |
|---------------------------|-------------------------------------|
| Appearance | Liquid |
| Odor Threshold | N.A. |
| Odor Description | N.A. |
| рН | N.A. |
| Water Solubility | N.A. |
| Flammability | Flash point below 73°F/23°C |
| Vapor Pressure | 2758 - 3309 hPa |
| Flash Point | -104.44°C |
| Viscosity | N.A. |
| Lower Explosion Level | N.A. |
| Upper Explosion Level | N.A. |
| Vapor Density | N.A. |
| Melting Point | N.A. |
| Freezing Point | N.A. |

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Low Boiling Point N.A.
High Boiling Point N.A.
Decomposition Pt N.A.
Auto Ignition Temp N.A.

Evaporation Rate Slower than ether

SECTION 10) STABILITY AND REACTIVITY

Stability

The product is stable under normal storage conditions.

Conditions to Avoid

High temperatures.

Incompatible Materials

No data available.

Hazardous Reactions/Polymerization

None known.

Hazardous Decomposition Products

Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Causes skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Carcinogenicity

IARC has determined that trisodium nitrilotriacetate is group 2B, possibly carcinogenic to humans.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Respiratory/Skin Sensitization

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration Hazard

No data available.

Acute Toxicity

No data available.

Likely Routes of Exposure

Inhalation, ingestion, skin absorption.

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LC50 (female rat): 14250 ppm (4-hour exposure); cited as 51.3 mg/L (4-hour exposure) (20)

LD50 (dermal, rabbit): 7600 mg/kg (cited as 7600 microL/kg) (16, unconfirmed)

LD50 (oral, rat): 5340 mg/kg; cited as 5.17 cc/kg (21) LD50 (oral, rabbit): 2060 mg/kg; cited as 2 cc/kg (21)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence and Degradability

0000064-19-7 ACETIC ACID

Readily biodegradable.

0000106-97-8 BUTANE

Readily biodegradable.

0000109-86-4 2-METHOXYETHANOL

Readily biodegradable.

0000111-42-2 DIETHANOLAMINE

Readily biodegradeable.

0000111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER

Readily biodegradable.

Bio-Accumulative Potential

0000109-86-4 2-METHOXYETHANOL

No potential for bioaccumulation.

0000111-42-2 DIETHANOLAMINE

Potential for bioaccumulation is low.

0001310-73-2 SODIUM HYDROXIDE

NaOH is not expected to bioconcentrate in organisms.

Mobility in Soil

0000064-19-7 ACETIC ACID

The substance is not PBT / vPvB

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000064-19-7 ACETIC ACID

The substance is not PBT / vPvB.

0000106-97-8 BUTANE

Readily biodegradable.

This substance is not PBT/vPvB

0000109-86-4 2-METHOXYETHANOL

The substance is not PBT/vPvB.

0000111-42-2 DIETHANOLAMINE

Not a PBT/vPvB substance.

0000111-76-2 ETHYLENE GLYCOL

MONOBUTYL ETHER The substance

is not PBT / vPvB.

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SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) Transport Information

| | IATA Information | IMDG Information | U.S. DOT Information |
|---------------------------|---------------------|-------------------|--|
| UN number: | UN1950 | UN1950 | UN1950 |
| Proper shipping name: | Aerosols, flammable | Aerosols | Aerosols, flammable, (each not exceeding 1 L capacity) |
| Hazard class: | 2.1 | 2.1 | 2.1 |
| Packaging group: | NA | NA | NA |
| Hazardous substance (RQ): | | | No Data Available |
| Marine Pollutant: | | No Data Available | No Data Available |
| Note / Special Provision: | LTD QTY | LTD QTY | LTD QTY |
| Toxic-Inhalation Hazard: | | | No Data Available |

SECTION 15) REGULATORY INFORMATION

| CAS | Chemical Name | % By Weight | Regulation List |
|--------------|------------------------------------|-------------|---|
| 0000111-76-2 | ETHYLENE GLYCOL MONOBUTYL ETHER | 1.0% - 5% | SARA313, CERCLA,SARA312,VOC,TSCA,ACGI H,OSHA, |
| 0000106-97-8 | BUTANE | 1.0% - 5% | SARA312,VOC,TSCA,ACGIH |
| 0000074-98-6 | PROPANE | 1.0% - 5% | SARA312,VOC,TSCA,ACGIH,OSHA |
| 0000110-91-8 | MORPHOLINE | 0.1% - 1.0% | SARA312,VOC,TSCA,ACGIH,OSHA |
| 0068603-42-9 | COCONUT DIETHANOLAMIDE | 0.1% - 1.0% | SARA312,VOC,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cance r - CA_Proposition65_Type_Toxicity_Ca ncer |
| 0007632-00-0 | SODIUM NITRITE | 0.1% - 1.0% | SARA313, CERCLA,SARA312,TSCA |
| 0000111-42-2 | DIETHANOLAMINE | 0 - 0.1% | SARA313, CERCLA,HAPS,SARA312,VOC,TSC A,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cance |

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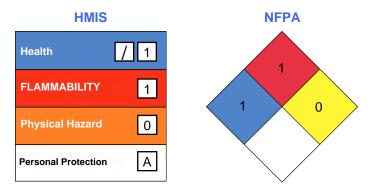
| | | | r - CA_Proposition65_Type_Toxicity_Ca ncer, |
|--------------|------------------|----------|---|
| 0001310-73-2 | SODIUM HYDROXIDE | 0 - 0.1% | CERCLA,SARA312,TSCA,ACGIH,OS HA |
| 0000109-86-4 | 2-METHOXYETHANOL | 0 - 0.1% | SARA313, CERCLA,HAPS,SARA312,VOC,TSC A,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Devel op - CA_Proposition65_Type_Toxicity_De velopmental,CA_Prop65_Type_Toxici ty_Male - CA_Proposition65_Type_Toxicity_Ma le,OSHA, |
| 0000107-15-3 | ETHYLENEDIAMINE | 0 - 0.1% | CERCLA,SARA312,VOC,TSCA,ACGI H,OSHA |
| 0000075-21-8 | ETHYLENE OXIDE | 0 - 0.1% | SARA313, CERCLA,HAPS,SARA312,VOC,TSC A,RCRA,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cance r - CA_Proposition65_Type_Toxicity_Dev elop - CA_Proposition65_Type_Toxicity_De velopmental,CA_Prop65_Type_Toxicity_De velopmental,CA_Prop65_Type_Toxicit ty_Male - CA_Proposition65_Type_Toxicity_Ma le,CA_Prop65_Type_Toxicity_Femal e - CA_Proposition65_Type_Toxicity_Fe male,OSHA, |
| 0000123-91-1 | 1,4-DIOXANE | 0 - 0.1% | SARA313, CERCLA,HAPS,SARA312,VOC,TSC A,RCRA,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cance r - CA_Proposition65_Type_Toxicity_Ca ncer,OSHA, |
| 0000064-19-7 | ACETIC ACID | 0 - 0.1% | CERCLA,SARA312,VOC,TSCA,ACGI H,OSHA |

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

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(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Version 2.0:

Revision Date: Jul 11, 2019

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