

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

**Product ID:** 491120  
**Product Name:** Neutrazen Country Garden Metered  
**Revision Date:** Dec 07, 2023 **Date Printed:** Dec 07, 2023  
**Version:** 2.0 **Supersedes Date:** Oct 06, 2020  
**Manufacturer's Name:** Zenex International Inc.  
**Address:** 1 Zenex Circle, Cleveland, OH 44146  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (440)-232-4155  
**Fax:**  
**Product/Recommended Uses:** Air freshener

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Aerosols Category 1  
Eye Irritation - Category 2A  
Gases Under Pressure Liquefied Gas  
Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Physical

H222 - Extremely flammable aerosol.  
H280 - Contains gas under pressure; may explode if heated.

### Hazardous Statements - Health

H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.

### 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

- 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.
- P264 - Wash thoroughly after handling.
- P280 - Wear eye protection and face protection.
- P261 - Avoid breathing mist, vapors or spray.
- P271 - Use only outdoors or in a well-ventilated area.

### Precautionary Statements - Response

- P312 - Call a POISON CENTER/doctor if you feel unwell.
- 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.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### Precautionary Statements - Storage

- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P403 + P405 - Store in a well-ventilated place. Store locked up.

### Precautionary Statements - Disposal

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

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

| CAS          | Chemical Name                         | % By Weight |
|--------------|---------------------------------------|-------------|
| 0000067-64-1 | ACETONE                               | 50% - 83%   |
| 0068476-86-8 | Petroleum gases, liquefied, sweetened | 17% - 29%   |

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

## SECTION 4) FIRST-AID MEASURES

### Inhalation

- Remove source of exposure or move person to fresh air and keep comfortable for breathing.
- If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.
- Eliminate all ignition sources if safe to do so.

### Skin Contact

- Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.
- IF exposed or concerned: Get medical advice/attention.

### Eye Contact

- Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

### Ingestion

- Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

### Most Important Symptoms and Effects, Acute or Delayed

- No data available.

### Immediate Medical Attention and Special Treatment, if necessary

- No data available.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Do not direct a solid stream of water or foam into hot, burning pools this may result in frothing and increase fire intensity.

### Unsuitable Extinguishing Media

No data available.

### Specific Hazards in Case of Fire

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build up of internal pressures. Cool with water.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

### Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

### Recommended Equipment

Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

### Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### 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

Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

## SECTION 7) HANDLING AND STORAGE

### General

Wash hands after use.  
 Do not get in eyes, on skin or on clothing.  
 Do not breathe vapors or mists.  
 Use good personal hygiene practices.  
 Eating, drinking and smoking in work areas is prohibited.  
 Remove contaminated clothing and protective equipment before entering eating areas.  
 Eyewash stations and showers should be available in areas where this material is used and stored.

**Ventilation Requirements**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**Storage Room Requirements**

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.  
 Store at temperatures below 120°F.

**SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eye Protection**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

**Skin Protection**

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

**Respiratory Protection**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

**Appropriate Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

| Chemical Name                         | OSHA TWA (ppm) | OSHA TWA (mg/m3) | OSHA STEL (ppm) | OSHA STEL (mg/m3) | OSHA Tables (Z1, Z2, Z3) | OSHA Carcinogen | OSHA Skin designation | NIOSH TWA (ppm) |
|---------------------------------------|----------------|------------------|-----------------|-------------------|--------------------------|-----------------|-----------------------|-----------------|
| ACETONE                               | 1000           | 2400             |                 |                   | 1                        |                 |                       | 250             |
| Petroleum gases, liquefied, sweetened | 500            | 2000             |                 |                   | 1                        |                 |                       |                 |

| Chemical Name                         | NIOSH TWA (mg/m3) | NIOSH STEL (ppm) | NIOSH STEL (mg/m3) | NIOSH Carcinogen | ACGIH TWA (ppm) | ACGIH TWA (mg/m3) | ACGIH STEL (ppm) | ACGIH STEL (mg/m3) |
|---------------------------------------|-------------------|------------------|--------------------|------------------|-----------------|-------------------|------------------|--------------------|
| ACETONE                               | 590               |                  |                    |                  | 250             |                   | 500              |                    |
| Petroleum gases, liquefied, sweetened |                   |                  |                    |                  |                 |                   |                  |                    |

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |                   |
|-----------------------|-------------------|
| Density               | 5.95 lb/gal       |
| Density VOC           | 1.66 lb/gal       |
| % VOC                 | 24.94%            |
| <hr/>                 |                   |
| Appearance            | Colorless         |
| Odor Threshold        | N.A.              |
| Odor Description      | Floral            |
| pH                    | N.A.              |
| Water Solubility      | N.A.              |
| Flammability          | N.A.              |
| Vapor Pressure        | N.A.              |
| Flash Point           | N.A.              |
| 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.              |
| 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

Stable under normal storage and handling conditions.

### Hazardous Reactions/Polymerization

Will not occur.

### Conditions to Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.  
Dropping containers may cause bursting.

### Incompatible Materials

Avoid strong oxidizers, reducers, acids, and alkalis.

### Hazardous Decomposition Products

No data available.

**Skin Corrosion/Irritation**

No data available.

**Serious Eye Damage/Irritation**

Causes serious eye irritation.

**Respiratory/Skin Sensitization**

May cause an allergic skin reaction.

**Germ Cell Mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive Toxicity**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

May cause drowsiness or dizziness.

**Specific Target Organ Toxicity - Repeated Exposure**

No data available.

**Aspiration Hazard**

No data available.

**Acute Toxicity**

If inhaled, may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heart beats.

May be harmful if swallowed.

**Likely Routes of Exposure**

Inhalation, Ingestion, Skin contact, Eye contact

**Potential Health Effects - Miscellaneous**

0000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

0000067-64-1 ACETONE

LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m<sup>3</sup> (4-hour exposure) (29)

LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m<sup>3</sup> (4-hour exposure) (29)

LD50 (oral, female rat): 5800 mg/kg (24)

LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31)

LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31)

LD50 (oral, mouse): 3000 mg/kg (32, unconfirmed)

LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg (30)

## SECTION 12) ECOLOGICAL INFORMATION

### Toxicity

No data available.

### Persistence and Degradability

No data available.

### Bio-accumulative Potential

No data available.

### Mobility in Soil

No data available.

### Other Adverse Effects

No data available.

## 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 |
|----------------------------------|---------------------|-------------------|----------------------|
| <b>UN number:</b>                | UN1950              | UN1950            | UN1950               |
| <b>Proper shipping name:</b>     | Aerosols, flammable | Aerosols          | Aerosols             |
| <b>Hazard class:</b>             | 2.1                 | 2.1               | 2.1                  |
| <b>Packaging group:</b>          | NA                  | NA                | NA                   |
| <b>Hazardous substance (RQ):</b> |                     |                   | No Data Available    |
| <b>Marine Pollutant:</b>         |                     | No Data Available | No Data Available    |
| <b>Note / Special Provision:</b> | (LTD QTY)           | (LTD QTY)         | (LTD QTY)            |
| <b>Toxic-Inhalation Hazard:</b>  |                     |                   | No Data Available    |

## SECTION 15) REGULATORY INFORMATION

| CAS          | Chemical Name                         | % By Weight | Regulation List                         |
|--------------|---------------------------------------|-------------|---|
| 0000067-64-1 | ACETONE                               | 50% - 83%   | DSL,CERCLA,SARA312,VOC_exempt,TSCA,RCRA |
| 0068476-86-8 | Petroleum gases, liquefied, sweetened | 17% - 29%   | DSL,SARA312,VOC,TSCA                    |

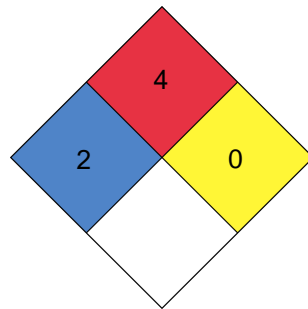
**Glossary**

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; N.A. - Not Available; 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.

**HMIS**

|                     |     |
|---------------------|-----|
| Health              | / 2 |
| FLAMMABILITY        | 4   |
| Physical Hazard     | 0   |
| Personal Protection | B   |

**NFPA**



(\*) - 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

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