



SAFETY DATA SHEET

Revision Date 03/10/2016

REVISION NUMBER: 4

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name AEROSOL, ZEN

Other means of identification

Product code 251967

UN/ID No. 1950

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended Use Air Freshener.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

See Distributor information.

Importer

Rochester Midland Limited
5353 John Lucas Drive
Suite 103
Burlington, ON L7L 6G5
Canada

Distributor

Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624 USA

Emergency telephone number

EMERGENCY TELEPHONE

INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: +1-352-323-3500
CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

| | |
|--|-------------|
| Serious eye damage/eye irritation | Category 2A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable Aerosols | Category 1 |

Label elements

Emergency Overview

DANGER

Hazard statements

Causes serious eye irritation
May cause drowsiness or dizziness
Extremely flammable aerosol

**Appearance** No information available**Physical state** Aerosol**Odor** Pleasant fragrance as labeled.**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
 Wear eye/face protection
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Do not spray on an open flame or other ignition source
 Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

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 eye irritation persists: Get medical advice/attention
 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

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
 Store locked up
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

No information available

Other Information

- Toxic to aquatic life.
- Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION | CAS No. | % | TRADE SECRET |
|---------------------|----------|---------|--------------|
| Acetone | 67-64-1 | 60 - 80 | * |
| Butane | 106-97-8 | 10 - 20 | * |
| Propane | 74-98-6 | 10 - 20 | * |

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

4. FIRST AID MEASURES

First aid measures**General advice**

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

Eye contact

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.

| | |
|---------------------|---|
| Skin contact | IF ON SKIN: Wash with soap and water. |
| Inhalation | 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. |
| Ingestion | IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol resistant foam. Water spray (fog). Dry chemical. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

EXTREMELY FLAMMABLE. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Explosion data

Sensitivity to Mechanical Impact NONE.

Sensitivity to Static Discharge NONE.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do it without risk. Cool exposed containers with water spray. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep people away from and upwind of spill/leak. Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Avoid breathing vapors or mists. Ventilate affected area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions

Environmental precautions Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. Collect spillage. Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Eliminate all ignition sources if safe to do so. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Flush residue with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Contents under pressure. Never pierce, drill, grind, cut, saw or weld any empty container. All equipment used when handling the product must be grounded. Do not reuse container. Avoid breathing vapors or mists. Avoid contact with eyes. Avoid prolonged contact. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep locked up and out of reach of children. Protect from sunlight. Keep at a temperature not exceeding 50 °C. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Acids. Strong oxidizing agents. Nitrates. Chlorine. Fluorine.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| PRODUCT COMPOSITION | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------|-------------------------------|---|------------|
| Acetone 67-64-1 | STEL: 750 ppm TWA: 500 ppm | (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ TWA: 1000 ppm TWA: 2400 mg/m ³ | 2500 ppm |
| Butane 106-97-8 | STEL: 1000 ppm | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | - |
| Propane 74-98-6 | TWA: 1000 ppm | (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ TWA: 1000 ppm TWA: 1800 mg/m ³ | 2100 ppm |

Appropriate engineering controls

ENGINEERING CONTROLS Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses are recommended to minimize eye contact.

Skin and body protection Chemical resistant gloves are recommended to minimize skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

RESPIRATORY PROTECTION Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

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 Aerosol

| | | | |
|--------------------------------------|--------------------------|--------------------------|--------------------------------|
| Appearance | No information available | Odor | Pleasant fragrance as labeled. |
| Color | No information available | Odor threshold | No information available |
| Property | Values | Remarks • Method | |
| pH | Unknown | | |
| Melting point/freezing point | No information available | | |
| Boiling point / boiling range | 56 °C / 133 °F | | |
| Flash point | -104 °C / -156 °F | Estimated for propellant | |
| Evaporation rate | No information available | | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limit in Air | | | |
| Upper flammability limit: | 9.5% | | |
| Lower flammability limit: | 1.9% | | |
| Vapor pressure | No information available | | |
| Vapor density | No information available | | |
| Specific gravity | 0.148 | | |
| Water solubility | No information available | | |
| Solubility in other solvents | No information available | | |
| Partition coefficient | No information available | | |
| Autoignition 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 | | |
| <u>Other Information</u> | | | |
| Softening point | No information available | | |
| VOC (EPA METH.24) (G/L): | 281.7 | | |
| Density | 0.15 g/cm ³ | | |
| Bulk density | No information available | | |

10. STABILITY AND REACTIVITY

REACTIVITY

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

CONDITIONS TO AVOID

Extremes of temperature and direct sunlight.

Incompatible materials

Acids. Strong oxidizing agents. Nitrates. Chlorine. Fluorine.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|------------------------------------|
| Product Information | Serious eye damage/eye irritation. |
| Inhalation | May cause drowsiness or dizziness. |

| | |
|---------------------|------------------------------|
| Eye contact | Severely irritating to eyes. |
| Skin contact | No data available. |
| Ingestion | No data available. |

| PRODUCT COMPOSITION | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|-----------|-------------|---------------------------------------|
| Acetone 67-64-1 | - | - | = 50100 mg/m ³ (Rat) 8 h |
| Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Propane 74-98-6 | - | - | = 658 mg/L (Rat) 4 h |

Information on 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. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive Toxicity | No information available. |
| STOT - single exposure | Central nervous system. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

| PRODUCT COMPOSITION | Algae/aquatic plants | Fish | Crustacea |
|---------------------|----------------------|--|--|
| Acetone 67-64-1 | - | 8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 | 12600 - 12700: 48 h Daphnia magna mg/L EC50 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| PRODUCT COMPOSITION | Partition coefficient |
|---------------------|-----------------------|
| Acetone 67-64-1 | -0.24 |
| Butane 106-97-8 | 2.89 |
| Propane 74-98-6 | 2.8 |

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|-------------------------------|---|
| Disposal of wastes | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated packaging | Pressurized container: Do not pierce or burn, even after use. Do not reuse container. |

14. TRANSPORT INFORMATION**DEPT. OF TRANSPORTATION**

| | |
|-----------------------------|---|
| UN/ID No. | 1950 |
| Proper shipping name | AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity) |
| Hazard Class | 2.1 |
| Packing Group | NA |
| Description | 1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY. |

TDG

| | |
|-----------------------------|---|
| UN/ID No. | 1950 |
| Proper shipping name | AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity) |
| Hazard Class | 2.1 |
| Packing Group | NA |
| Description | 1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY. |

15. REGULATORY INFORMATION**International Inventories**

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

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 Chemical Substances/European 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

US Federal Regulations**SARA 313**

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 | YES |
| Sudden release of pressure hazard | YES |
| REACTIVE HAZARD | No |

CWA (Clean Water Act)

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)

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)

| PRODUCT COMPOSITION | Hazardous Substances RQs (in LBS) | U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs |
|---------------------|-----------------------------------|--|
| Acetone 67-64-1 | 5000 | |

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| PRODUCT COMPOSITION | NJRTK: | MARTK: | PARTK: |
|---------------------|--------|--------|--------|
| Acetone 67-64-1 | 0006 | Listed | Listed |
| Butane 106-97-8 | 0273 | Listed | Listed |
| Propane 74-98-6 | 1594 | Listed | Listed |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

| |
|------------------------------|
| 16. OTHER INFORMATION |
|------------------------------|

NFPA

Health hazards 1

Flammability 4

Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 1

Flammability 4

Physical hazards 0

Personal protection B

Revision Date 03/10/2016

Revision Note

Revised the transportation classification in Section 14.

Disclaimer

The information provided in this Safety Data Sheet 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 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 SDS ***