



SAFETY DATA SHEET

Revision Date 07/19/2018

REVISION NUMBER: 1

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

Product identifier

Product name AEROSOL, VANILLA

Other means of identification

Product code 251986

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 Canada Corporation
143 Mills Road
Ajax, ON L1S 2H2
Canada
905-619-6738

Distributor

Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624 USA
(585) 336-2200

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

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 |
| Skin sensitization | Category 1 |
| 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 an allergic skin reaction
May cause drowsiness or dizziness

Extremely flammable aerosol



Appearance No information available **Physical state** Aerosol Gas **Odor** Pleasant fragrance as labeled.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing should not be allowed out of the workplace
 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
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
 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 ON SKIN: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 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

3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION | CAS No. | % | TRADE SECRET |
|---------------------|----------|---------|--------------|
| Acetone | 67-64-1 | 60 - 80 | * |
| Butane | 106-97-8 | 10 - 30 | * |
| Propane | 74-98-6 | 10 - 30 | * |
| Coumarin | 91-64-5 | 0.1 - 1 | * |
| Vanillin | 121-33-5 | 0.1 - 1 | * |

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

4. FIRST AID MEASURES

First aid measures

| | |
|-----------------------|--|
| General advice | Immediately call a POISON CENTER or doctor/physician. |
| 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: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| 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

Dry chemical. Alcohol resistant foam. 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

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 Evacuate personnel to safe areas. 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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate affected area.

Environmental precautions

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, streams, or other bodies 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. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Contents under pressure. Never pierce, drill, grind, cut, saw or weld any empty container. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not smoke. All equipment used when handling the product must be grounded. Avoid breathing vapors or mists. Avoid contact with eyes, skin and clothing. Use only in well-ventilated areas. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up. Protect from direct sunlight. Store at temperatures not exceeding 50 °C/ 122 °F. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials

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

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. 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

Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. Wash

contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|---------------------------------|--------------------------|--------------------------|--------------------------------|
| Physical state | Aerosol Gas | Odor | Pleasant fragrance as labeled. |
| Appearance | No information available | Odor threshold | No information available |
| Color | No information available | Remarks • Method | |
| Property | Values | | |
| pH | Unknown | | |
| Melting point/freezing point | No information available | | |
| Boiling point / boiling range | No information available | | |
| Flash point | -104.4 °C / -156.0 °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 | 55 psig | @ 20 °C | |
| Vapor density | No information available | | |
| Specific gravity | 0.709 | | |
| 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): | No information available | | |
| Density | No information available | | |
| 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

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatible materials

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

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 | Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. |
| 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 |
| Vanillin 121-33-5 | = 1580 mg/kg (Rat) | > 5010 mg/kg (Rabbit) | - |

Information on toxicological effects

Symptoms No information available.

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

Sensitization May cause sensitization by skin contact.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

| PRODUCT COMPOSITION | ACGIH | IARC | NTP | OSHA |
|---------------------|-------|---------|-----|------|
| Coumarin 91-64-5 | - | Group 3 | - | - |

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

| 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 |
| Vanillin 121-33-5 | - | 53 - 61.3: 96 h Pimephales promelas mg/L LC50 flow-through 57: 96 h Pimephales promelas mg/L LC50 semi-static 88: 96 h Pimephales promelas mg/L LC50 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 |
| Vanillin 121-33-5 | 1.23 |

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

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
 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
 Description 1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| DSL/NDL | 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/NDL - 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

07/19/2018

Revision Note

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 *****