

31180

Material Safety Data Sheet

APPLE ORCHARD AEROSOL



Section 1. Chemical product and company identification

Trade name : APPLE ORCHARD AEROSOL

Product use : Air Freshener

Supplier : Ecolab Inc. Professional Products Division
370 N. Wabasha St.
St. Paul, MN 55102
1-800-247-5382

Code : 926527

Date of issue : 02-June-2006

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

Name	CAS number	% by weight
Acetone	67-64-1	60 - 80
Petroleum gases, liquellied, sweetened	68476-86-8	20 - 40
proprietary	NLTSRN	1-2
	0129295270106	

Section 3. Hazards identification

Physical state : Liquid. (Aerosol.)

Emergency overview : **WARNING!**

FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FIRE. CONTENTS UNDER PRESSURE. CAUSES SEVERE EYE IRRITATION.

Repeated or prolonged contact with irritants may cause dermatitis. Can cause central nervous system (CNS) depression. Avoid contact with eyes. Avoid breathing vapor or mist. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Use only with adequate ventilation. Wash thoroughly after handling. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight.

Potential acute health effects

- Eyes** : Severely irritating to eyes.
 - Skin** : Slightly irritating to the skin.
 - Inhalation** : High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
 - Ingestion** : May be harmful if swallowed.
- See toxicological information (section 11)

Section 4. First aid measures

- Eye contact** : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
- Skin contact** : Flush contaminated skin with plenty of water. Wash clothing before reuse.
- Inhalation** : If inhaled, remove to fresh air. Get medical attention if symptoms appear. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
- Ingestion** : Get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth, then drink one or two large glasses of water.

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Section 5. Fire fighting measures

Flash point : 93.3 °C (Open cup)

Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO₂. Cool closed containers exposed to fire with water. Dike area of fire to prevent runoff. Flammable liquid and vapor. Vapor may cause fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. Bursting aerosol containers may be propelled from a fire at high speed. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling : Avoid contact with eyes. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.

Storage : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Store between -5 and 25°C.

Section 8. Exposure controls, personal protection

Engineering controls : Good general ventilation should be sufficient to control airborne levels.

Personal protection

- Eyes** : Wear eye protection.
- Hands** : No protective equipment is needed under normal use conditions.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : Avoid breathing vapors, spray or mists.

Exposure limits

ACGIH TLV (United States, 1/2005).

STEL: 1782 mg/m³ 15 minutes/minutes. Form: All forms

TWA: 750 ppm 15 minutes/minutes. Form: All forms

TWA: 1188 mg/m³ 8 hour/hours. Form: All forms

TWA: 500 ppm 8 hour/hours. Form: All forms

OSHA PEL (United States, 8/1997).

TWA: 2400 mg/m³ 8 hour/hours. Form: All forms

TWA: 1000 ppm 8 hour/hours. Form: All forms

Section 9. Physical and chemical properties

Physical state : Liquid. (Aerosol)
 Color : Clear.
 Odor : Fragrance-like.
 pH : Not applicable.
 Specific gravity : 0.796 (Water = 1)
 Dispersibility properties : Easily dispersed in cold water, hot water.
 Solubility : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability : The product is stable.
 Reactivity : Reactive with organic materials, metals, alkalis.

Section 11. Toxicological information

Potential acute health effects
 Eyes : Severely irritating to eyes.
 Skin : Slightly irritating to the skin.
 Inhalation : High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
 Ingestion : May be harmful if swallowed.
 Potential chronic health effects
 Chronic effects on humans : Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Section 12. Ecological information

Products of degradation : These products are carbon oxides (CO, CO₂) and water.

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
 Waste classification : Unused product is D001 (Ignitable)
 Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification		Consumer commodity	ORM-D		

APPLIES ONLY DURING ROAD TRANSPORT
 Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification : Flammable liquid
 Irritating material
 Target organ effects
 U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found.
 TSCA 8(b) Inventory : SARA 302/304 emergency planning and notification: No products were found.
 California Prop. 65 : All materials are listed or exempt.
 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	2
Fire hazard	4
Reactivity	0
Personal protection	A

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 Date of previous issue : No previous validation.
 Notice to reader
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