MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	**Air Neutralizer, Standard Aerosol – Purifying Spa**
Version #	01
Issue date	02-02-2013
Revision date	-
Supersedes date	-
CAS #	Mixture
Product use	Air freshener.
Manufacturer/Supplier	Rubbermaid Commercial Products LLC 3124 Valley Avenue Winchester, VA 22601-2694 Contact Person: Regulatory Manager
Telephone number:	(540) 667-8700
Emergency	24-Hour Emergency: INFOTRAC: 1-800-535-5053

2. Hazards Identification

Physical state	Liquid, Gas.
Appearance	Aerosol (clear liquid).
Emergency overview	DANGER! Flammable aerosol - may cause flash fire. Contents under pressure. Liquefied gas can cause frostbite and corrosive injury to eyes and skin. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
OSHA regulatory status	This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.
Eyes	Contact may irritate or burn eyes. Eye contact may result in corneal injury. Direct contact with liquefied gas may cause eye damage from frostbite.
Skin	Irritating to skin. May cause sensitization by skin contact. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Contact with evaporating liquid may cause frostbite or freezing of skin.
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system. Prolonged inhalation may be harmful. Vapors may cause drowsiness and dizziness.
Ingestion	Irritating. May cause nausea, stomach pain and vomiting.
Target organs	Eyes. Skin. Respiratory system. Central nervous system. Liver. Kidneys.
Chronic effects	Chronic exposure may cause liver and kidney damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Potential environmental effects	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Acetone	67-64-1	40 - 50
Propane glycol	74-98-6	20 - 30
Hexylene	107-41-5	5 - 10

Composition comments	Components not listed are either non-hazardous or are below reportable limits. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If frostbite occurs, immediately flush eyes with plenty of warm water (not exceeding 105°F/41°C) for at least 15 minutes. If easy to do, remove contact lenses. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If frostbite occurs, immerse affected area in warm water (not exceeding 105°F/41°C). Keep immersed for 20 to 40 minutes. Get medical attention immediately. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.
Inhalation	If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. If breathing is difficult, give oxygen. Get medical attention, if needed.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

5. Fire Fighting Measures

Flammable properties	Flammable aerosol - may cause flash fire. Aerosol containers can explode when heated, due to excessive pressure build-up. Aerosol cans involved in fire may rupture and become projectiles.
Extinguishing media	
Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Protection of firefighters	
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Protective equipment and precautions for firefighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Fire fighting equipment/instructions	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do so without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Containers should be cooled with water to prevent vapor pressure build up. Cool containers exposed to flames with water until well after the fire is out. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Water runoff can cause environmental damage.
Specific methods	In the event of fire and/or explosion do not breathe fumes.
Hazardous combustion products	Carbon monoxide. Carbon Dioxide. Hydrogen fluoride.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. This material and its container must be disposed of as hazardous waste. Should not be released into the environment. Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Do not allow material to contaminate ground water system. Dike far ahead of spill for later disposal.
Other information	Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling	Wear personal protective equipment. Avoid breathing mists or aerosols of this product. Avoid prolonged exposure. Use with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. When using, do not eat, drink or smoke. Pressurized container: Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Ground and bond containers when transferring material. Do not re-use empty containers. Do not use if spray button is missing or defective. Avoid release to the environment.
Storage	Contents under pressure. The pressure in sealed containers can increase under the influence of heat. Do not puncture, incinerate or crush. Keep away from heat, sparks and open flame. Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Personal protective equipment	
Eye / face protection	Wear approved chemical safety goggles. Wear face-shield and protective suit for abnormal processing problems.
Skin protection	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.
Respiratory protection	Wear positive pressure self-contained breathing apparatus (SCBA). If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
General hygiene considerations	When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice

9. Physical & Chemical Properties

Appearance	Aerosol (clear liquid).
Physical state	Liquid, Gas.
Form	Aerosol.
Color	Clear.
Odor	Fragrant
Odor threshold	Not available.
pH	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Boiling point	Not available.
Melting point/Freezing point	Not available.
Solubility (water)	Not available.
Specific gravity	Not available.
Flash point	< -58 °F (< -50 °C) (Flashpoint for propellant)
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Auto-ignition temperature	Not available.
VOC	< 30 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids. Strong bases. Amines.

Hazardous decomposition products	Hydrogen fluoride
Possibility of hazardous reactions	Hazardous polymerization does not occur

11. Toxicological Information

Toxicological data

Sensitization	May cause sensitization by skin contact.
Acute effects	Contains a potential skin sensitizer.
Local effects	Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
Chronic effects	Prolonged inhalation may be harmful. Repeated or prolonged exposure to high concentrations may cause kidney and liver damage.
Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.
Epidemiology	Not available.
Mutagenicity	Not available.
Neurological effects	High vapor/aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches.
Reproductive effects	Not available.
Teratogenicity	Not available.

12. Ecological Information

Ecotoxicity	Contains a substance which causes risk of hazardous effects to the environment.
Environmental effects	The product may cause risk of hazardous effects to the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Aquatic toxicity	Harmful to aquatic life. May cause long-term adverse effects in the aquatic environment.
Persistence and degradability	None known.
Bioaccumulation / Accumulation	Not available

13. Disposal Considerations

Waste codes	D001: Waste Flammable material with a flash point <140 °F
Disposal instructions	Dispose in accordance with all applicable regulations. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Do not re-use empty containers.

14. Transport Information

DOT

Basic shipping requirements:

UN number	UN1950
Proper shipping name	Aerosols, flammable
Hazard class	2.1
Additional information:	**Limited Quantity**
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

IATA

UN number
UN proper shipping name
Transport hazard class(es)
Labels required

IMDG

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Labels required	2.1

TDG

UN number	UN1950
Proper shipping name	Aerosols, flammable
Hazard class	2.1
Subsidiary hazard class	6.1(PGIII)
Special provisions	N82
Labels required	2.1
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
General	This product is eligible for Limited Quantity exemption because its unit size meets the threshold.

15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No
Section 302 extremely hazardous substance (40 CFR 355, Appendix A)	No
Section 311/312 (40 CFR 370)	Yes
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)	Not controlled
Canadian regulations	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
WHMIS status	Controlled
WHMIS classification	A - Compressed Gas B5 - Flammable Aerosols D1A - Immediate/Serious-VERY TOXIC D2B - Other Toxic Effects-TOXIC

WHMIS labeling

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Hazardous Substances (Director's): Listed substance

2-Methylpentane-2,4-diol (CAS 107-41-5)	Listed.
Ethanol (CAS 64-17-5)	Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - New Jersey RTK - Substances: Listed substance

1,1-Difluoroethane (CAS 75-37-6)	Listed.
2-Methylpentane-2,4-diol (CAS 107-41-5)	Listed.
Ethanol (CAS 64-17-5)	Listed.

US. Massachusetts RTK - Substance List

1,1-Difluoroethane (CAS 75-37-6)	Listed.
2-Methylpentane-2,4-diol (CAS 107-41-5)	Listed.
Ethanol (CAS 64-17-5)	Listed.

US. New Jersey Worker and Community Right-to-Know Act

1,1-Difluoroethane (CAS 75-37-6)	500 LBS

US. Pennsylvania RTK - Hazardous Substances

2-Methylpentane-2,4-diol (CAS 107-41-5)	Listed.
Dipropylene glycol (CAS 25265-71-8)	Listed.
Ethanol (CAS 64-17-5)	Listed.

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 2*
Flammability: 4
Physical hazard: 0

NFPA ratings
Health: 2
Flammability: 4
Instability: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.

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