

# SAFETY DATA SHEET

## 1. Identification

Product number	64011 (1000023686)		
Product identifier	SSS ALERO 9000 METERED DRY AIR FRESHENER, ORCHARD CRISP		
Revision date	03-06-2015		
Company information Triple S			
	2 Executive Park Drive,		
	Billerica, MA 01862 United States		
Company phone	General 978-667-7900 / Emergency 888-779-1339		
Version #	03		
Supersedes date	03-06-2015		
Recommended use	Air Freshener		
Recommended restrictions	None known.		

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		



Danger
Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.
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. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye/face protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
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.
Dispose of contents/container in accordance with local/regional/national/international regulations.
None known.
None.

## 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	40 - 60
Propane		74-98-6	20 - 40
Diethylene Glycol Monoethyl Ether		111-90-0	10 - 20
Other components below reportable levels			10 - 20

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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.	
Wash off with soap and water. Get medical attention if irritation develops and persists.	
Rinse with water. Get medical attention if irritation develops and persists.	
Rinse mouth. Get medical attention if symptoms occur.	
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.	
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.	
Powder. Alcohol resistant foam. Water spray. Carbon dioxide (CO2).	
Do not use water jet as an extinguisher, as this will spread the fire.	
Contents under pressure. Pressurized container may explode when exposed to heat or flame.	
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.	
Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.	
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.	

General fire hazards Extremely flammable aerosol.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. 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 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. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

### 8. Exposure controls/personal protection

#### Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Ту	<b>`</b>	,	alue
Acetone (CAS 67-64-1)	PE	L	24	400 mg/m3
				000 ppm
Propane (CAS 74-98-6)	PE	L		800 mg/m3
			1	000 ppm
US. ACGIH Threshold Lin	nit Values			
Components	Ту	be	V	alue
Acetone (CAS 67-64-1)	ST	EL	7!	50 ppm
	TM	/A	50	00 ppm
US. NIOSH: Pocket Guide	to Chemical Hazard	S		
Components	Ту	be	V	alue
Acetone (CAS 67-64-1)	TM	/A	55	90 mg/m3
			2	50 ppm
Propane (CAS 74-98-6)	TV	/A	18	800 mg/m3
			1	000 ppm
US. Workplace Environm	ental Exposure Level	(WEEL) Guides		
Components	Ту		V	alue
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	ТМ	/A		40 mg/m3
			2	5 ppm
ological limit values				
ACGIH Biological Exposu	re Indices			
Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
* - For sampling details, pl	ease see the source do	ocument.		
propriate engineering ntrols	should be matche or other engineer	d to conditions. If ap ng controls to maint	oplicable, use pre ain airborne leve	hour) should be used. Ventilation rates ocess enclosures, local exhaust ventilation, els below recommended exposure limits. If irborne levels to an acceptable level. Provide
dividual protection measur Eye/face protection	-	protective equipme es with side shields		
Hand protection	Wear appropriate	chemical resistant g	loves.	
Skin protection				
Other	Wear suitable pro	tective clothing.		
Respiratory protection	If permissible leve air-supplied respi		∍ NIOSH mecha	nical filter / organic vapor cartridge or an
Thermal hazards	Wear appropriate	thermal protective of	lothing, when ne	ecessary.
eneral hygiene nsiderations				sonal hygiene measures, such as washing , and/or smoking. Routinely wash work

#### 9. Physical and chemical properties

Appearance

Physical state	Gas. Form
	Aerosol. Color
	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	132.89 °F (56.05 °C) estimated
Flash point	-156.0 °F (-104.4 °C) propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.6 % estimated
Flammability limit - upper (%)	14.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	258.6 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.682 estimated
10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transp

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.	
Chemical stability	Material is stable under normal conditions.	
Possibility of hazardous reactions	Hazardous polymerization does not occur.	
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.	
Incompatible materials	Strong oxidizing agents.	
Hazardous decomposition products	No hazardous decomposition products are known.	

# 11. Toxicological information

Information on likely routes of ex	xposure		
Ingestion	Expected to be a low ingestion hazard.		
Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.		
Skin contact	No adverse effects due to skin contact are expected.		
Eye contact	Causes serious eye irritation.		
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.		

Information on toxicological effects

Acute toxicity	Narcotic effects.		
Components	Species	Test Results	
Acetone (CAS 67-64-1)			
Acute			
Dermal			
LD50	Guinea pig	> 7426 mg/kg, 24 Hours	
		> 9.4 ml/kg, 24 Hours	
	Rabbit	> 7426 mg/kg, 24 Hours	
		> 9.4 ml/kg, 24 Hours	
Inhalation			
LC50	Rat	55700 ppm, 3 Hours	
		132 mg/l, 3 Hours	
		50.1 mg/l	
Oral			
LD50	Rat	5800 mg/kg	
		2.2 ml/kg	
Diethylene Glycol Monoethyl Ethe	er (CAS 111-90-0)		
Acute			
Dermal			
LD50	Guinea pig	5900 mg/kg, Days	
	Rabbit	8500 mg/kg, 2 Hours	
		8476 mg/kg, 24 Hours	
		7714 mg/kg	
Oral			
LD50	Guinea pig	4970 mg/kg	
	Mouse	6031 mg/kg	
	Rabbit	5600 mg/kg	
	Rat	5600 mg/kg	
		5.4 ml/kg	
Propane (CAS 74-98-6)			
Acute			
Inhalation			
LC50	Mouse	1237 mg/l, 120 Minutes	
		52 %, 120 Minutes	
	Rat	1355 mg/l	
		658 mg/l/4h	
* 🗖 - ()		al an a	
	be based on additional component data not		
Serious eye damage/eye rritation			
Respiratory or skin sensitizatio	n		
Respiratory sensitization	Not available.		
Skin sensitization	This product is not expected to cause skin sensitization.		
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
	ed Substances (29 CFR 1910.1001-1050)		
Reproductive toxicity This product is not expected to cause reproductive or developmenta		productive or developmental effects.	

Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be harmful.

## 12. Ecological information

12. Ecological informatio	[]		
Ecotoxicity	Toxic to aq	uatic life with long lasting effects.	
Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Diethylene Glycol Monoethyl	Ether (CAS 1	11-90-0)	
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 10000 mg/l, 96 hours
* Estimates for product may	be based on a	dditional component data not shown.	
Persistence and degradability		available on the degradability of this proc	duct.
Bioaccumulative potential	No data ava	ailable.	
Partition coefficient n-octa	nol / water (log	g Kow)	
Acetone		-0.24	
Diethylene Glycol Monoethyl Propane	Ether	-0.54 2.36	
Mobility in soil	No data ava		
Other adverse effects			depletion, photochemical ozone creation ential) are expected from this component.
13. Disposal consideratio	ns		
Disposal instructions	Collect and under press sewers/wat	sure. Do not puncture, incinerate or crus er supplies. Do not contaminate ponds, Dispose of contents/container in accorda	at licensed waste disposal site. Contents h. Do not allow this material to drain into waterways or ditches with chemical or used nce with local/regional/national/international
Local disposal regulations	Dispose in	accordance with all applicable regulatior	IS.
Hazardous waste code	The waste disposal co	-	between the user, the producer and the waste
US RCRA Hazardous Waste U List: Reference			
Acetone (CAS 67-64-1)		U002	
Waste from residues / unused products		idues. This material and its container me	npty containers or liners may retain some ust be disposed of in a safe manner (see:
Contaminated packaging	Since empt		vaste handling site for recycling or disposal. ie, follow label warnings even after container is
14. Transport information	1		
DOT			
UN number	UN1950		
UN proper shipping name	Aerosols, fl	ammable, (each not exceeding 1 L capa	city)
Transport hazard class(es)			
Class	2.1		

Not applicable.

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2.1

Subsidiary risk

Label(s)

Packing group

Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306

 Packaging non bulk
 None

 Packaging bulk
 None

 This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity.

 Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

#### ΙΑΤΑ

1/-		
	UN number	UN1950
UN proper shipping name		Aerosols, flammable
Transport hazard class(es)		
	Class	2.1
	Subsidiary risk	
	Label(s) Packing	2.1
	group Environmental	Not applicable.
	hazards ERG Code	Yes
		10L
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
	Other information	
	Passenger and cargo aircraft	Allowed.
	Cargo aircraft only	Allowed.
	Packaging Exceptions	LTD QTY
IN	1DG	
	UN number	UN1950
	UN proper shipping name	AEROSOLS
	Transport hazard class(es)	
	Class	2.1
	Subsidiary risk	2.1
	Label(s) Packing	2.1
	group Environmental	Not applicable.
	hazards	Not applicable.
		Vee
	Marine pollutant	Yes
	EmS	F-D, S-U
	Special precautions for user	instructions, SDS and emergency procedures before handling.
_	Packaging Exceptions	LTD QTY
	ransport in bulk according to	Not applicable.
	nnex II of MARPOL 73/78 and	
th	e IBC Code	
	<u>от</u>	

DOT



IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

# 15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Commur Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	nication	
Not regulated.			
CERCLA Hazardous Substance List (40 CFR 302.4)			
Acetone (CAS 67-64-1) SARA 304 Emergency releas	Listed. se notification		
Not regulated. OSHA Specifically Regulated Not listed.	Substances (29 CFR 1910.1001-1050)		
Superfund Amendments and Re	authorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazard	lous substance		
Not listed.			
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting) Not regulated.			
Other federal regulations			
Clean Air Act (CAA) Section Not regulated.	112 Hazardous Air Pollutants (HAPs) List		
8	112(r) Accidental Release Prevention (40 CFR 68.130)		
Safe Drinking Water Act (SDWA)	Not regulated.		
Drug Enforcement Adm Chemical Code Number	inistration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f	)(2) and	
Acetone (CAS 67-64	-1) 6532		

Drug Enforcement Adm	ninistration (DEA). List 1 & 2 Exempt Chemical Mixtures (21	CFR 1310.12(c))
Acetone (CAS 67-64		
DEA Exempt Chemical	Mixtures Code Number	
Acetone (CAS 67-64	4-1) 6532	
US state regulations		
US. Massachusetts RTK - S	ubstance List	
Acetone (CAS 67-64-1)		
Propane (CAS 74-98-6)		
	I Community Right-to-Know Act	
Acetone (CAS 67-64-1)		
Propane (CAS 74-98-6)	nd Community Right-to-Know Law	
Acetone (CAS 67-64-1)	na Community Right-to-Rhow Law	
Propane (CAS 07-04-1)		
US. Rhode Island RTK		
Acetone (CAS 67-64-1)		
Propane (CAS 74-98-6)		
US. California Proposition 6	65	
	Water and Toxic Enforcement Act of 1986 (Proposition 65): Thi	s material is not known to contain
International Inventories	isted as carcinogens or reproductive toxins.	
Country(s) or region Australia	Inventory name Australian Inventory of Chemical Substances (AICS)	On inventory (yes/no)* Yes
Canada		Yes
	Domestic Substances List (DSL)	
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC	·
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)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compo	nents of this product comply with the inventory requirements administe	ered by the governing country(s)

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date	12-05-2014
Revision date	03-06-2015
Version #	03
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.
Revision Information	Transport Information: Material Transportation Information GHS: Classification