



Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
GHS HCS 2012

Trade name: Air Freshener

1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Air Freshener ST-807, ST-819
- **Article number:** BL30
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Odour neutralizing agent

Product dilution information: 1 oz. (29.57 mL) per 32 oz. (1 L) of water.

- **1.3 Details of the supplier of the Safety Data Sheet**

- **Manufacturer/Supplier:**

Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Email: stearns@stearnspkg.com
Website: www.stearnspkg.com

- **1.4 Emergency telephone number:**

ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

Product as SOLD	Product at USE DILUTION
The product is not classified according to GHS regulations. The product is not classified according to the CLP regulation.	The product is not classified according to GHS regulations. The product is not classified according to the CLP regulation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Not applicable.

Not applicable.

- **Information concerning particular hazards for human and environment:**

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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- **Classification system:**

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

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• 2.2 Label elements	
Product as SOLD	Product at USE DILUTION
• Labeling according to Regulation (EC) No 1272/2008	
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.
• Hazard pictograms	
Not applicable.	Not applicable.
• Signal word Not applicable.	Not applicable.
• Hazard statements	
Not applicable.	Not applicable.
• Precautionary statements	
P102 Keep out of reach of children.	Keep out of reach of children.
• Additional information:	
Contains 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.	
• 2.3 Other hazards	
• Results of PBT and vPvB assessment	
• PBT: Not applicable.	
• vPvB: Not applicable.	

3 Composition/information on ingredients

• 3.2 Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

• Dangerous components:		
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol	<3.0%
	 F R11  Flam. Liq. 2, H225	
CAS: 26172-55-4 EINECS: 247-500-7	5-chloro-2-methyl-2H-isothiazol-3-one	<0.1%
	 T R23/24/25;  C R34;  Xi R43;  N R50/53	
	 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331	
	 Skin Corr. 1B, H314	
	 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
	 Skin Sens. 1, H317	

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

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4 First-aid measures**• 4.1 Description of first aid measures**

Product as SOLD	Product at USE DILUTION
<ul style="list-style-type: none"> • General information: No special measures required. • After inhalation: Supply fresh air; consult doctor in case of complaints. • After skin contact: Immediately rinse with water. If skin irritation continues consult a doctor. • After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor. • After swallowing: Do not induce vomiting; call for medical help immediately. 	<p>No special measures required.</p> <p>No special measures required. Treat symptomatically.</p> <p>No known effect after skin contact. Rinse with water for a few minutes.</p> <p>No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.</p> <p>Get medical attention if symptoms occur.</p>
• 4.2 Most important symptoms and effects both acute and delayed	
Gastric or intestinal disorders. Allergic reactions	
• Hazards No further relevant information available.	No known effects.
• 4.3 Indication of any immediate medical attention and special treatment needed	
Treat skin and mucous membrane with antihistamine and corticoid preparations.	Treat symptomatically.

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** No further relevant information available.

6 Accidental release measures**• 6.1 Personal precautions, protective equipment and emergency procedures**

Product as SOLD	Product at USE DILUTION
Ensure adequate ventilation	Use personal protective equipment as required.
• 6.2 Environmental precautions:	
No special measures required.	No special measures required.

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Product as SOLD	Product at USE DILUTION
• 6.3 Methods and material for containment and cleaning up:	
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
• 6.4 Reference to other sections	
See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

• 7.1 Precautions for safe handling	
Product as SOLD	Product at USE DILUTION
No special measures required.	No special measures required.
• Information about fire - and explosion protection:	
No special measures required.	No special measures required.
• 7.2 Conditions for safe storage, including any incompatibilities	
• Storage:	
• Requirements to be met by storerooms and receptacles:	
Product as SOLD	Product at USE DILUTION
Avoid storage near extreme heat, ignition sources or open flame. Store in a cool location.	Keep out of reach of children.
• Information about storage in one common storage facility:	
Store away from foodstuffs.	Store away from foodstuffs.
• Further information about storage conditions:	
Store in cool, dry conditions in well sealed receptacles. Protect from frost.	No storage precautions necessary.
• 7.3 Specific end use(s)	
No further relevant information available.	

8 Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.


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Product as SOLD	Product at USE DILUTION												
• 8.1 Control parameters													
• Ingredients with limit values that require monitoring at the workplace:													
<table border="1"> <thead> <tr> <th colspan="2">64-17-5 ethanol</th> </tr> </thead> <tbody> <tr> <td>PEL (USA)</td> <td>Long-term value: 1900 mg/m³, 1000 ppm</td> </tr> <tr> <td>REL (USA)</td> <td>Long-term value: 1900 mg/m³, 1000 ppm</td> </tr> <tr> <td>TLV (USA)</td> <td>Short-term value: 1880 mg/m³, 1000 ppm</td> </tr> <tr> <td>EL (Canada)</td> <td>Short-term value: 1000 ppm</td> </tr> <tr> <td>EV (Canada)</td> <td>Long-term value: 1,900 mg/m³, 1,000 ppm</td> </tr> </tbody> </table> <p> • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis. </p>	64-17-5 ethanol		PEL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm	REL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm	TLV (USA)	Short-term value: 1880 mg/m ³ , 1000 ppm	EL (Canada)	Short-term value: 1000 ppm	EV (Canada)	Long-term value: 1,900 mg/m ³ , 1,000 ppm	<p>Not applicable.</p> <p> • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis. </p>
64-17-5 ethanol													
PEL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm												
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EL (Canada)	Short-term value: 1000 ppm												
EV (Canada)	Long-term value: 1,900 mg/m ³ , 1,000 ppm												
• 8.2 Exposure controls													
• Personal protective equipment:													
• General protective and hygienic measures:													
No further relevant information available.	No further relevant information available.												
• Respiratory protection:													
Not required under normal conditions of use.	Not required under normal conditions of use.												
• Protection of hands:													
Gloves not required under normal conditions of use.	Gloves not required under normal conditions of use.												
• Eye protection:													
 Safety glasses	No protective equipment is needed under normal conditions.												
• Body protection:													
Not required.	Not required.												
• Limitation and supervision of exposure into the environment													
No special requirements.	No special requirements.												
• Risk management measures													
No special requirements.	No special requirements.												

9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic physical and chemical properties		
• General Information		
• Appearance:		
Form:	Liquid	Liquid
Color:	Green	Light green or colorless.
• Odor:		
	Pleasant	Pleasant
• Odor threshold:		
	Not determined.	Not determined.

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	Product as SOLD	Product at USE DILUTION
• pH-value at 25 °C:	7.0 ± 0.5 for concentrate	7.0 ± 0.5 at use dilution
• Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 212 °F / 100 °C	Undetermined. 212 °F / 100 °C
• Flash point:	170 °F / 77 °C Product determined not to support sustained combustion.	>200 °F / 93.33 °C
• Flammability (solid, gaseous):	Not applicable.	Not applicable.
• Ignition temperature:	Not determined.	Not determined.
• Decomposition temperature:	Not determined.	Not determined.
• Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
• Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• Explosion limits: Lower: Upper:	Not determined. Not determined.	Not determined. Not determined.
• Vapor pressure at 20 °C:	23 hPa	Not determined.
• Density at 20 °C: • Relative density • Vapor density • Evaporation rate	0.99 g/cm ³ Not determined. Not determined. Not determined.	Not determined. Not determined. Not determined.
• Solubility in / Miscibility with water:	Fully miscible.	Complete
• Partition coefficient (n-octanol/water):	Not determined.	Not determined.
• Viscosity: Dynamic: Kinematic:	100 mPas Not determined.	Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available.

10 Stability and reactivity

Product as SOLD

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with strong oxidizing agents.
- 10.4 Conditions to avoid Store away from oxidizing agents.
- 10.5 Incompatible materials: Strong oxidizing agents.
- 10.6 Hazardous decomposition products: Possible in traces.

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11 Toxicological information

• 11.1 Information on toxicological effects

Product as SOLD	Product at USE DILUTION
• Acute toxicity: >5,000 mg/kg	Non-toxic at use-dilution.
• Primary irritant effect:	
<ul style="list-style-type: none"> • on the skin: No irritant effect. • on the eye: No irritant effect. • Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure. 	<ul style="list-style-type: none"> No adverse effects due to skin contact are expected. No adverse effects due to skin contact are expected. No sensitizing effects due to skin contact are expected.
• Additional toxicological information:	
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.	
• Repeated dose toxicity:	
Repeated exposures may result in skin and/or respiratory sensitivity.	Repeated exposures may result in skin and/or respiratory sensitivity.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

• 13.1 Waste treatment methods

Product as SOLD	Product at USE DILUTION
• Recommendation	
Smaller quantities can be disposed of with household waste. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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• Uncleaned packaging:	
Product as SOLD	Product at USE DILUTION
<ul style="list-style-type: none"> • Recommendation: Disposal must be made according to official regulations. • Recommended cleansing agents: Water, if necessary together with cleansing agents. 	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

14 Transport information

Product as SOLD	
<ul style="list-style-type: none"> • 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA 	N/A
<ul style="list-style-type: none"> • 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA 	Cleaning Compounds, NOI, liquid.
<ul style="list-style-type: none"> • 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class 	N/A
<ul style="list-style-type: none"> • 14.4 Packing group • DOT, ADR, IMDG, IATA 	N/A
<ul style="list-style-type: none"> • 14.5 Environmental hazards: • Marine pollutant: 	No
<ul style="list-style-type: none"> • 14.6 Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> • UN "Model Regulation": 	Cleaning Compounds, NOI, liquid.
Product at USE DILUTION Not intended for transport.	

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

Product as SOLD	Product at USE DILUTION
• Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	None of the ingredients is listed.
• Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	None of the ingredients is listed.
• TSCA (Toxic Substances Control Act):	
All ingredients are listed.	All ingredients are listed.

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Product as SOLD	Product at USE DILUTION
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• **Proposition 65 (California):**

• **Chemicals known to cause cancer:**

None of the ingredients is listed.

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5

ethanol

Not applicable.

• **Carcinogenic Categories**

• **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

None of the ingredients is listed.

• **IARC (International Agency for Research on Cancer)**

64-17-5

ethanol

Not applicable.

• **TLV (Threshold Limit Value established by ACGIH)**

64-17-5

ethanol

Not applicable.

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration)**

All ingredients are listed.

All ingredients are listed.

• **Canada**

• **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

All ingredients are listed.

• **Canadian Ingredient Disclosure list (limit 0.1%)**

64-17-5

ethanol

Not applicable.

• **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

None of the ingredients is listed.

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects..

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Product as SOLD	Product at USE DILUTION																
• Hazardous Material Information System (U.S.A.)																	
<table border="1"> <tr> <td style="background-color: #000080; color: white;">Health</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FFFF00;">Physical hazards</td> <td style="text-align: center;">0</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Health	1	Flammability	1	Physical hazards	0			<table border="1"> <tr> <td style="background-color: #000080; color: white;">Health</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FFFF00;">Physical hazards</td> <td style="text-align: center;">0</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Health	0	Flammability	0	Physical hazards	0		
Health	1																
Flammability	1																
Physical hazards	0																
Health	0																
Flammability	0																
Physical hazards	0																
4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant	4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant																
• NFPA ratings (scale 0 - 4)																	
 <p>Health = 1 Fire = 1 Reactivity = 0</p>	 <p>Health = 0 Fire = 0 Reactivity = 0</p>																

MSDS File Name: BL30 AIR FRESHENER SDS

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 WHMIS: Workplace Hazardous Materials Information System (Canada)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)

• Sources

SDS Prepared by: JBE/JER
 Revision: 12/18/2014