

Product Air Freshener
 Revision date 21 July 2017
 Revision 1



Safety Data Sheet (SDS)

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name Air Freshener
Product no. 106
Synonyms, Trade names No information available.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Air Freshener.
Uses advised against No uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
 11 Comber Road
 Belfast
 BT8 8AN
 United Kingdom
 Tel: 028 9081477 02890812881
 sales@kitchenmaster-ni.com

Contact person

1.4 Emergency telephone number

Emergency telephone Emergency Telephone Number: 028 9081 4777 08:30 - 17:00 Monday to Thursday 08:30 - 16:30 Friday

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Not classified
 Human health Not classified
 Environment Not classified

2.2 Label elements

Contains Not applicable

Label in accordance with (EC) no. 1272/2008 No pictogram required

Signal word No Signal Word

Hazard statements No hazard statements required

Precautionary statements

Prevention
 P264 Wash hands thoroughly after handling.

Response
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients**3.1 Substance**

Not applicable.

3.2 Mixtures

Name	Product identifier	Reg. EU 1272/2008	%
Ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6 REACH Reg No.: 01-2119457610-43	Eye Irrit.2A - H319, Flam. Liq 2- H225	1-10%
Alcohols, C12-15, ethoxylated	CAS-No.: 68131-39-5 EC No.: 500-195-7	Eye Dam. 1 - H318, Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412	0.1-0.9%
(R)-p-mentha-1,8-diene d-limonene	CAS-No.: 5989-27-5 EC No.: 227-813-5	Flam. Liq 3- H226, Skin Irrit.2 - H315, Skin. Sens 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0.1-0.9%

The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

Section 4: First aid measures**4.1 Description of first aid measures****General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration and get medical attention.

Ingestion

Do not induce vomiting. Thoroughly rinse the mouth with water. If vomiting occurs, keep head low so that stomach content doesn't enter the lungs. Get medical attention if discomfort occurs. Never give anything by mouth to an unconscious person.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with water. Get medical attention if irritation develops or persists.

Eye contact

Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Get prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Inhalation of mist and vapour may produce respiratory tract irritation.

Ingestion

Exposure to liquid product may cause irritation to mouth, throat and esophagus.

Skin contact

Prolonged contact with skin may cause irritation.

Eye contact

May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed**Notes to the physician**

Treat symptomatically.

Section 5: Fire-fighting measures**5.1 Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

No unsuitable extinguishing media.

5.2 Special hazards arising from the substance or mixture**Hazardous combustion products**

When heated, vapours/gases hazardous to health may be formed.

Unusual fire & explosion hazards

No unusual fire or explosion hazards noted.

Specific hazards

No specific hazards are identified for the product.

5.3 Advice for firefighters

- Special fire fighting procedures** Ventilate closed spaces before entering them. If possible, fight fire from protected position. Keep up-wind to avoid fumes. Water spray should be used to cool containers.
- Protective equipment for firefighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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

- Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Eliminate all sources of ignition. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. Wash hands after use.
- For emergency responders** Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions

- Environmental precautions** Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

- Spill clean up methods** Ventilate and evacuate the area. Small spills may be absorbed with paper towels. Stop leak if possible without risk. In case of a large scale of spill, dyke area with sand to stop the spill spreading. Absorb spillage with non-combustible, absorbent material - sand. Flush with plenty of water to clean spillage area. Floors may become slippery, avoid falls. Place waste material into suitable labelled sealed containers for disposal.

6.4 Reference to other sections

- Reference to other sections** See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage**7.1 Precautions for safe handling**

- Handling** Use proper personal protection when handling (refer to Section 8). Avoid spilling, skin and eye contact. Avoid inhalation of vapours. Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Do not mix with other chemicals. When using, do not eat, drink or smoke. Wash thoroughly after handling. Do not wear contact lenses.

7.2 Conditions for safe storage, including any incompatibilities

- Storage precautions** Keep upright, locked up and out of reach of children. Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.
- Storage class** Unspecified storage.

7.3 Specific end use(s)

- Specific end use(s)** The identified uses for this product are detailed in Section 1.2.
- Usage description** Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection**8.1 Control parameters**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
Ethanol	OEL			1000 ppm		
Ethanol	WEL	1000 ppm	1920 mg/m ³			

Ingredient comments	OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2016. WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits.
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8.2 Exposure Controls

Protective equipment	
Engineering measures	Provide adequate ventilation.
Respiratory equipment	Not applicable in normal conditions of use.
Hand protection	Not normally required, however helpful for prolonged or repeated contact. Rubber gloves are recommended.
Eye protection	Eye protection is normally not required during intended product use. Where potential for splashing exists, use safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
Other protection	Protective clothing not required for normal use of the product.
Hygiene measures	Rinse hands and dry thoroughly after use.
Process conditions	Provide eyewash station.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pink.
Odour	Characteristic.
Odour threshold - lower	No information available.
Odour threshold - upper	No information available.
pH-Value, Conc. Solution	5.50
pH-Value, Diluted solution	No information available.
Melting point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability state	No information available.
Flammability limit - lower(%)	No information available.
Flammability limit - upper(%)	No information available.
Vapour pressure	No information available.
Vapour density (air=1)	No information available.
Relative density	0.987 +/- 0.002.
Bulk density	No information available.
Solubility	Soluble in water.
Decomposition temperature	No information available.
Partition coefficient; n-Octanol/Water	No information available.
Auto ignition temperature (°C)	No information available.
Viscosity	No information available.
Explosive properties	Not classified as explosive.

Oxidising properties No information available.

9.2 Other information

Molecular weight No information available.

Volatile organic compound No information available.

Other information None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity Reaction with Oxidisers.

10.2 Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Hazardous reactions For information on hazardous reaction see section 10.1.

Hazardous polymerisation Will not polymerise.

Polymerisation description Not applicable.

10.4 Conditions to Avoid

Conditions to avoid Avoid storing in large quantities or for long periods of time. Heat, sparks, open flames, temperature extremes and direct sunlight.

10.5 Incompatible materials

Materials to avoid Do not mix with other chemicals unless listed on directions. Avoid oxidising agents.

10.6 Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO₂) are formed.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information No toxicological information for the overall finished product.

Acute toxicity (Oral LD50) Alcohols, C12 -15, ethoxylated (CAS 68131-39-5): > 5000 mg/kg Rat.

Acute toxicity (Dermal LD50) Alcohols, C12 -15, ethoxylated (CAS 68131-39-5): > 2000 mg/kg Rat.

Acute toxicity (Inhalation LD50) Alcohols, C12 -15, ethoxylated (CAS 68131-39-5): > 1.6 mg/l (dust/mist) Rat, 4 hours.

Serious eye damage/irritation May cause temporary eye irritation.

Skin corrosion/irritation No information available.

Respiratory sensitisation No information available.

Skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Specific target organ toxicity - Single exposure:

STOT - Single exposure No information available.

Specific target organ toxicity - Repeated exposure:

STOT - Repeated exposure No information available.

Inhalation Inhalation of mist and vapour may produce respiratory tract irritation.

Ingestion Exposure to liquid product may cause irritation to mouth, throat and esophagus.

Skin contact	Prolonged contact with skin may cause irritation.
Eye contact	May cause temporary eye irritation.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	No information available.
Target organs	No target organs specified.
Aspiration hazards:	No information available.
Reproductive toxicity:	No information available.

Name	LD50 oral	LD50 dermal	LD50 inhalation
Ethanol	>2000.00mg/kg Rat	>2000.00mg/kg Rabbit	>20.00mg/l (vapours) Rat 4 Hours
4,6-DIHYDROXY-2-MERCAPTO-5-NITROSOPYRIMIDINE	300.00mg/kg Rat		

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	Alcohols, C12 -15, ethoxylated (CAS 68131-39-5) LC50: 96 hours, 0.59 mg/l, Pleuronectes platessa.
Acute toxicity - Aquatic invertebrates	Alcohols, C12 -15, ethoxylated (CAS 68131-39-5) EC50: 48 hours, 0.14 mg/l, Daphnia magna.
Acute toxicity - Aquatic plants	Alcohols, C12 -15, ethoxylated (CAS 68131-39-5) EC50: 72 hours, 0.75 mg/l, Selenastrum capricornutum.
Acute toxicity - Microorganisms	No information available.
Chronic toxicity - Fish	No information available.
Chronic toxicity - Aquatic invertebrates	No information available.
Chronic toxicity - Aquatic plants	No information available.
Chronic toxicity - Microorganisms	No information available.
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxicological information	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available.
Chemical oxygen demand	No information available.

12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available.
Partition coefficient; n-Octanol/Water	No information available.

12.4 Mobility in soil

Mobility	Soluble in water.
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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

12.6 Other adverse effects

Other adverse effects	None known.
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Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
Ethanol	LC50 96 Hours 15300.00mg/l Pimephales promelas (Fat-head Minnow)	EC50 48 Hours >10000.00mg/l Daphnia magna	
4,6-DIHYDROXY-2-MERCAPTO-5-NITROSOPYRIMIDINE	LC50 96 Hours >100.00mg/l Onchorhynchus mykiss (Rainbow Trout)		

Section 13: Disposal considerations

Waste management When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1 Waste treatment methods

Disposal methods Dispose of waste and residues in accordance with local authority requirements.

Section 14: Transport information

14.1 UN number

UN no. (ADR) Not applicable.
 UN no. (IMDG) Not applicable.
 UN no. (IATA) Not applicable.

14.2 UN proper shipping name

ADR proper shipping name Not applicable.
 IMDG proper shipping name Not applicable.
 IATA proper shipping name Not applicable.

14.3 Transport hazard class(es)

ADR class Not applicable.
 IMDG class Not applicable.
 IATA class Not applicable.

Transport labels Not applicable

14.4 Packing group

ADR/RID/ADN packing group Not applicable.
 IMDG packing group Not applicable.
 IATA packing group Not applicable.

14.5 Environmental hazards

ADR No
 IMDG No
 IATA No

14.6 Special precautions for user

EMS Not applicable.
 Emergency action code Not applicable.
 Hazard no. (ADR) Not applicable.
 Tunnel restriction code Not applicable.

14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation

(EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.

Approved code of practice	2016 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).
Chemical safety assessment	No chemical safety assessment has been carried out.

Section 16: Other information

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
Revision comments	This is a first issue.
Revision date	21 July 2017
Revision	1
Safety data sheet status	Approved.

Hazard statements in full

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H272	May intensify fire; oxidiser.
H411	Toxic to aquatic life with long lasting effects.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H331	Toxic if inhaled.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.