

SAFETY DATA SHEET

TORK PREMIUM AIRFRESHENER MIXED A1

Infosafe No.: LPYHN
Version No.: 1.0
ISSUED Date: 13/12/2013
ISSUED BY ASALEO CARE

1. IDENTIFICATION

GHS Product Identifier

TORK PREMIUM AIRFRESHENER MIXED A1

Product Code

236056

Company Name

ASALEO CARE

Address

30 - 32 Westall Road Springvale
Vic 3171 Australia

Telephone/Fax Number

Tel: +61 3 9550 2999

Fax: +61 3 9547 8165

Emergency phone number

+61 3 9550 2999 (BH)

Recommended use of the chemical and restrictions on use

Fragranced metered aerosol space sprays designed for use in proprietary automated dispensers.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classification:

Eye Damage/Irritation: Category 2A

Flammable Aerosol: Category 1

Sensitization - Skin: Category 1

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Pictogram (s)

Flame, Exclamation mark

**Precautionary statement – Prevention**

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P261 Avoid breathing fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – 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.

P363 Wash contaminated clothing before reuse.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statement – Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition

Mixture of organic solvents, perfume and propane/iso-butane (propellant).

Ingredients

Name	CAS	Proportion
Ethanol	64-17-5	10-15 %
Propan-2-ol	67-63-0	5-10 %
Citronellol	106-22-9	<1 %
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	<1 %
Geraniol	106-24-1	<1 %
Eugenol	97-53-0	<1 %
2-Propenyl hexanoate	123-68-2	<1 %
Amyl cinnamal	122-40-7	<1 %
Ingredients determined not to be hazardous		Balance.

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Unlikely due to form of product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water fog or water mist.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising From The Chemical

Contents under pressure - cans can explode in a fire. This product is extremely flammable. Keep containers and fire-exposed surfaces cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Hazchem Code

2YE

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. Place inert, Non combustible absorbent material onto spillage. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do not spray on a naked flame or any incandescent material. Do NOT puncture, burn, cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Do not expose can to temperatures exceeding 50°C. Protect containers against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS 2278.1—2008 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Ethanol	1000	1880	-	-	-
Propan-2-ol	400	983	500	1230	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values

Name: 2-PROPANOL

Determinant: Acetone

Specimen: Urine

Value: 40 mg/L

Sampling time: End of shift at end of workweek

Source: American Conference of Industrial Hygienists (ACGIH)

Appropriate Engineering Controls

Good ventilation should be used. General room ventilation is normally sufficient. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Generally not required when used as directed however safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for

Industrial Applications.

Hand Protection

Skin protection is not required under normal conditions of use. However, for prolonged or repeated skin contact, gloves made of impervious material are recommended. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Aerosol (liquid).

Colour

Not available

Odour

Fragrant odour.

Decomposition Temperature

Not available

Melting Point

Not applicable.

Boiling Point

Not available

Solubility in Water

Partly miscible

Specific Gravity

0.619 - 0.645 (at 20°C)

pH

Not available

Vapour Pressure

3.5 - 4.5 bar (at 20°C)

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

Not available

Partition Coefficient: n-octanol/water

Not available

Flash Point

-104.4°C (closed cup) (propellant - propane)

-60°C (close cup) (propellant - butane)

Flammability

EXTREMELY FLMMABLE GAS - (aerosol product under pressure containing hydrocarbon propellants). This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

1.8%

Flammable Limits - Upper

19%

10. STABILITY AND REACTIVITY

Reactivity

Refer to Sec 10: Possibility of hazardous reactions

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, open flames and other sources of ignition.

Aerosol cans may rupture when heated. Aerosol containers are unstable at temperatures above 50°C.

Incompatible materials

Oxidising agents and strong acids.

Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Possibility of hazardous reactions

May react with strong oxidising agents and acids.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data is available for this specific product.

Ingestion

Ingestion unlikely due to form of product.

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

May cause an allergic skin reaction

Eye

Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

May cause an allergic skin reaction

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Propan-2-ol and Eugenol have been classified by the IARC (International Agency for Research on Cancer) as group 3 carcinogens. Group 3 - Not classifiable as to its carcinogenicity to humans

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

Chronic Effects

Prolonged or repeated skin contact may cause defatting leading to dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecological data available for this material.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature

14. TRANSPORT INFORMATION

Transport Information

This material is classified as a Division 2.1 (Flammable Gases) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road or Rail. (7th edition)

Division 2.1 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Division 2.2 Non-flammable, Non toxic gas that have a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500L capacity.
- Class 3, Flammable Liquids, if both the Division 2.1 and Class 3 dangerous goods are in tanks or other receptacles with a capacity individually exceeding 500L.
- Division 4.1, Flammable Solids
- Division 4.2, Spontaneously Combustible Substances
- Division 4.3, Dangerous When Wet Substances
- Division 5.1, Oxidising Agents
- Division 5.2, Organic Peroxides
- Class 7, Radioactive Substances

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

EPG Number

2D1

IERG Number

49

IMDG Marine pollutant

No

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

Not Scheduled

Australia (AICS)

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS), or otherwise are in compliance with the NICNAS requirements

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS Reviewed: December 2013

Supersedes: October 2009

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

American Conference of Industrial Hygienists (ACGIH)

Globally Harmonised System of classification and labelling of chemicals.

END OF SDS

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