

TITAN TOBACCO NEUTRALISER

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Issued Date: 16/12/2016
Issued by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

TITAN TOBACCO NEUTRALISER

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE
VIC 3207

Telephone/Fax Number

Tel: 1800 334 679
Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

Concentrated air freshener and odour neutraliser. Refer to product label for instructions.

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)

Eye Damage/Irritation: Category 2A

Flammable Liquids: Category 3

Signal Word (s)

WARNING

Hazard Statement (s)

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Pictogram (s)

Flame, Exclamation mark



Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting//equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash contaminated skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P370+P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Ethanol	64-17-5	5-15 %
Isopropanol	67-63-0	0.1-1 %
Ingredients determined not to be hazardous, including water.		Balance
Quaternary ammonium compound	68424-85-1	0-0.5 %

4. FIRST-AID MEASURES

Inhalation

Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.

Ingestion

Do NOT induce vomiting. Give a glass of water to be taken slowly.

Skin

If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Eye contact

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

Most important symptoms/effects, acute and delayed

No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Product can only be accessed using the Super C dispenser.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use CO₂, dry chemical or foam.

Unsuitable Extinguishing Media

Do not use water in a jet.

Hazards from Combustion Products

Water vapour, carbon dioxide and oxides of sulphur. Incomplete combustion may generate carbon monoxide.

Specific Methods

In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.

Specific Hazards Arising From The Chemical

This product is flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. and flashback. Precautions should be taken to eliminate the build up of explosive mixtures.

Hazchem Code

3Y

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Extinguish or remove all sources of ignition and stop leak if safe to do so. Contain the spill with sand or earth and take up with a vacuum truck or absorb with absorbent material, sand or earth. Place used absorbent in suitable sealed, labelled containers for disposal.

Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Ventilate area to dispel any residual vapour.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid prolonged or repeated contact with skin, eyes and clothing .

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

Minimize skin contact. Static electricity may accumulate and create a fire hazard. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities

Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the store-room reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

Store in cool, dry and well ventilated place in original container. Store away from oxidising agents, acids, foodstuffs, source of ignition and clothing. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been established for this material, the available exposure limits for ingredients are listed below:

2-Propanol

TWA:400ppm, 983mg/m³

STEL: 500ppm, 1230 mg/m³

Ethenol

TWA:1000ppm, 1880mg/m³

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a flammable proof exhaust ventilation system is recommended.

None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.

Respiratory Protection

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist 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

If risk of splashes, safety glasses with full face shield should be used. 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

Wear gloves of impervious material such as rubber or plastic, appropriate to mode of use, quantity handled and degree of hazard. 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.

Personal Protective Equipment

Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing vapours. If risk of exposure to concentrated product, wear rubber or plastic gloves and eye protection. If risk of splashes into eyes, wear safety glasses with side shields.

When working with the dispensed product, the use of rubber or plastic gloves is recommended and glasses where risk of splashing exists.

Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear light brown mobile liquid

Colour

Light brown

Odour

Fresh fragrance

Boiling Point

> 80C

Solubility in Water

Miscible with water in all proportions.

Specific Gravity

1.0

pH

7.0-8.0

Vapour Pressure

Not available.

Flash Point

38C

Flammability

Flammable.

10. STABILITY AND REACTIVITY

Reactivity

Reacts with incompatible materials.

Chemical Stability

Stable under normal use conditons.

Incompatible materials

Strong oxidizing agents

Hazardous Decomposition Products

Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.

2-Butoxy ethanol: 530-3000mg/kg oral, rat

950-1414mg/kg oral, guinea pig

100-610mg/kg dermal, rabbit

1200->2000mg/kg dermal, puinea pig

Inhalation LC50 (rat): 450-490 ppm/4H

Ingestion

Concentrate: May irritate throat and gastrointestinal tract. May cause gastric upset.

Dispensed product: Unlikely to cause health effects.

Inhalation

Concentrate: Vapour may irritate mucous membranes and respiratory tract.

Dispensed product: May cause discomfort.

Skin

Concentrate: Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Can be absorbed through the skin with resultant toxic effects.

Dispensed product: May cause discomfort.

Eye

Concentrate: Serious eye irritant. Vapour may also irritate the eyes.

Dispensed product: Some irritant effects may occur.

Germ cell mutagenicity

Not expected

Carcinogenicity

Not expected

Reproductive Toxicity

Not expected

Chronic Effects

Product contains <10% 2-butoxy ethanol. Evidence from animal tests with 2-butoxy ethanol indicate that repeated or prolonged exposure to this chemical could result in liver disorders. There is evidence that experimental animals are more sensitive to these effects than humans. At use dilution, effects are greatly reduced.

12. ECOLOGICAL INFORMATION

Ecological information

There are no know ecological effects of this product. If any large chemical spills occur, it is good practice to prevent chemicals from entering waterways.

Environmental Protection

Avoid contaminating waterways, drains, sewers, or ground.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Any disposal of contaminated packaging and washings must be in accordance with State, Territory and/or Local government regulations. After labelling has been removed, empty containers can be sent for recycling or disposal. If the container is reconditioned, the reconditioning company should be made aware of the flammable nature of the original contents.

Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.

14. TRANSPORT INFORMATION

Transport Information

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2, Spontaneously Combustible Substances
- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6, Toxic Substances (where the flammable liquid is nitromethane)
- Class 7, Radioactive Substances.

U.N. Number

1993

UN proper shipping name

FLAMMABLE LIQUID, N.O.S.

Transport hazard class(es)

3

Packing Group

III

Hazchem Code

3Y

IERG Number

14

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS created: DEC 2016

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.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

The Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE

END OF SDS

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