Air Wick Pure Soft Cotton (aerosol)

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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

SAFETY DATA SHEET

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

1.1 Product identifier

Product name : AIR WICK Pure Soft Cotton

SDS no. : D8373244

Formulation # : FF3129048 / 3022883, 3108684

Product type : Aerosol.

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

Identified uses

Air care, instant action (aerosol sprays)

Consumer use

1.3 Details of the supplier of the safety data sheet

Supplier

The United Kingdom:

RB UK Hygiene Home Commercial Ltd

Wellcroft House

Wellcroft Road

Slough, Berkshire

SL1 4AQ

Tel: 0800 376 8181

Email: ConsumerCare_UK@reckitt.com

The Republic Of Ireland:

RB Ireland Hygiene Home Commercial Ltd

7 Riverwalk

Citywest Business Campus

Dublin 24

Ireland

Tel: 01 661 7318

Email: ConsumerHealth_IE@reckitt.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : GB - NHS 111/NHS 24 Tel: 111

NI - www.gpoutofhours.hscni.net/

IE - Poisons Information Centre of Ireland: 01 809 2166 8am-10pm 7 days a week

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D8373244

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Product definition : Mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Aerosol 1, H222, H229
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.
2.2 Label elements
Hazard pictograms :
Signal word : Danger
Hazard statements : Extremely flammable aerosol. Pressurised container: may burst if heated.
Precautionary statements
General : Keep out of reach of children. If medical advice is needed, have product container or label at hand. Use only as directed.
Prevention : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area.
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Disposal : Not applicable.
Supplemental label elements : Contains Citral, Limonene and Linalool. May produce an allergic reaction.
Special packaging requirements
Containers to be fitted with child-resistant fastenings : Not applicable.
Tactile warning of danger : Not applicable.
2.3 Other hazards
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification : People suffering from perfume sensitivity should be cautious when using this product. Air Fresheners do not replace good hygiene practices.
SECTION 3: Composition/information on ingredients
3.2 Mixtures : Mixture

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Ireland

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Type
BUTANE	REACH #: 01-2119474691-32 EC: 203-448-7 CAS: 106-97-8 Index: 601-004-00-0	≥25 - ≤50	Flam. Gas 1A, H220 - [2]	[2]
ALCOHOL	REACH #:	≥25 - ≤50	Flam. Liq. 2, H225 Eye Irrit. 2, H319:	[1] [2]

Specific Conc. Limits, M-factors and ATEs

01-2119457610-43 Eye Irrit. 2, H319 C ≥ 50%
EC: 200-578-6
CAS: 64-17-5
Index: 603-002-00-5
PROPANE REACH #: ≥10 - ≤25 Flam. Gas 1A, H220 - [2]
01-2119486944-21 Press. Gas (Comp.),
EC: 200-827-9 H280
CAS: 74-98-6
Index: 601-003-00-5
METHYL ALCOHOL REACH #: <3 Flam. Liq. 2, H225 ATE [Oral] = 100 [1] [2]
01-2119433307-44 Acute Tox. 3, H301 mg/kg
EC: 200-659-6 Acute Tox. 3, H311 ATE [Dermal] =
CAS: 67-56-1 Acute Tox. 3, H331 300 mg/kg
Index: 603-001-00-X STOT SE 1, H370 ATE [Inhalation
(vapours)] = 3 mg/l
STOT SE 1, H370:
C ≥ 10%
STOT SE 2, H371:
3% ≤ C < 10%
CITRAL REACH #: ≤0.3 Skin Irrit. 2, H315 - [1] [2]
01-2119462829-23 Eye Irrit. 2, H319
EC: 226-394-6 Skin Sens. 1, H317
CAS: 5392-40-5
Index: 605-019-00-3
LINALOOL REACH #: ≤0.3 Skin Irrit. 2, H315 - [1]
01-2119474016-42 Eye Irrit. 2, H319
EC: 201-134-4 Skin Sens. 1B, H317
CAS: 78-70-6
Index: 603-235-00-2
D_LIMONENE REACH #: ≤0.3 Flam. Liq. 3, H226 M [Acute] = 1 [1]
01-2119529223-47 Skin Irrit. 2, H315 M [Chronic] = 1
EC: 227-813-5 Skin Sens. 1B, H317
CAS: 5989-27-5 Asp. Tox. 1, H304
Index: 601-096-00-2 Aquatic Acute 1, H400
Aquatic Chronic 1,
H410
See Section 16 for
the full text of the H
statements declared
above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

SECTION 3: Composition/information on ingredients

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
irritation
redness

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing

Skin contact : No specific data.

Ingestion : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

5.3 Advice for firefighters

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk.
Use water spray to keep fire-exposed containers cool.

SECTION 5: Firefighting measures

Special protective : Fire-fighters should wear appropriate protective equipment and self-contained

equipment for fire-fighters 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

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to other sections : See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

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SECTION 7: Handling and storage
Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibilities
Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Seveso Directive - Reporting thresholds (in tonnes)
Danger criteria
Category Notification threshold and MAPP Safety report threshold
threshold
P3a 150 500
7.3 Specific end use(s)
Recommendations : Air care, instant action (aerosol sprays)
Consumer use
Industrial sector specific solutions : Not available.
SECTION 8: Exposure controls/personal protection
The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.
8.1 Control parameters
Occupational exposure limits
Product/ingredient name Exposure limit values
BUTANE NAOSH (Ireland, 5/2021). [butane] Notes: Advisory Occupational Exposure Limit Values (OELVs)
OELV-15min: 1000 ppm 15 minutes.
ALCOHOL NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs)
OELV-15min: 1000 ppm 15 minutes.
PROPANE NAOSH (Ireland, 5/2021). Oxygen Depletion [Asphyxiant]. Notes: Advisory Occupational Exposure Limit Values (OELVs)
METHYL ALCOHOL NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values
OELV-8hr: 200 ppm 8 hours.
OELV-8hr: 260 mg/m³ 8 hours.
CITRAL NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs)
OELV-8hr: 5 ppm 8 hours. Form: The Inhalable Fraction and Vapour note is used when a material exerts sufficient vapour pressure such that it may be present in both particle and vapour phases.
Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace

atmospheres - Guide for the application and use of procedures for the assessment
of exposure to chemical and biological agents) European Standard EN 482
(Workplace atmospheres - General requirements for the performance of procedures

SECTION 8: Exposure controls/personal protection
for the measurement of chemical agents) Reference to national guidance
documents for methods for the determination of hazardous substances will also be
required.
DNELs/DMELs
Product/ingredient name Type Exposure Value Population Effects
ALCOHOL DNEL Short term 1900 mg/ Workers Local
Inhalation m³
DNEL Long term Oral 87 mg/kg General Systemic
bw/day population
DNEL Long term 114 mg/m³ General Systemic
Inhalation population
DNEL Long term Dermal 206 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 343 mg/kg Workers Systemic
bw/day
DNEL Short term 950 mg/m³ General Local
Inhalation population
DNEL Long term 950 mg/m³ Workers Systemic
Inhalation
DNEL Short term 1900 mg/ Workers Local
Inhalation m³
METHYL ALCOHOL DNEL Long term 260 mg/m³ Workers Systemic
Inhalation
DNEL Long term Dermal 40 mg/kg Workers Systemic
bw/day
DNEL Long term 50 mg/m³ General Systemic
Inhalation population
[Consumers]
DNEL Long term Dermal 8 mg/kg General Systemic
bw/day population
[Consumers]
DNEL Long term Oral 8 mg/kg General Systemic
bw/day population
[Consumers]
DNEL Short term Oral 4 mg/kg General Systemic
bw/day population
DNEL Long term Oral 4 mg/kg General Systemic
bw/day population
DNEL Short term Dermal 4 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 4 mg/kg General Systemic
bw/day population
DNEL Short term Dermal 20 mg/kg Workers Systemic
bw/day

DNEL Long term Dermal 20 mg/kg Workers Systemic
bw/day
DNEL Short term 26 mg/m³ General Local
Inhalation population
DNEL Long term 26 mg/m³ General Local
Inhalation population
DNEL Short term 26 mg/m³ General Systemic
Inhalation population
DNEL Long term 26 mg/m³ General Systemic
Inhalation population
DNEL Short term 130 mg/m³ Workers Local
Inhalation
DNEL Long term 130 mg/m³ Workers Local
Inhalation
DNEL Short term 130 mg/m³ Workers Systemic
Inhalation
DNEL Long term 130 mg/m³ Workers Systemic
Inhalation

SECTION 8: Exposure controls/personal protection
CITRAL DNEL Long term Dermal 0.14 mg/ General Local
cm² population
DNEL Long term Dermal 0.14 mg/ Workers Local
cm²
DNEL Long term Oral 0.6 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 1 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 1.7 mg/kg Workers Systemic
bw/day
DNEL Long term 2.7 mg/m³ General Systemic
Inhalation population
DNEL Long term 9 mg/m³ Workers Systemic
Inhalation
LINALOOL DNEL Long term Dermal 15 mg/cm² Workers Local
DNEL Short term Dermal 15 mg/cm² Workers Local
DNEL Long term Dermal 15 mg/cm² General Local
population
[Consumers]
DNEL Short term Oral 1.2 mg/kg Workers Systemic
bw/day
DNEL Long term Dermal 1.25 mg/ General Systemic
kg bw/day population
DNEL Short term Dermal 1.5 mg/cm² General Local
population
DNEL Long term Dermal 1.5 mg/cm² General Local
population
DNEL Long term Oral 2.49 mg/ General Systemic
kg bw/day population

DNEL Short term Dermal 3 mg/cm² Workers Local
DNEL Long term Dermal 3 mg/cm² Workers Local
DNEL Long term Dermal 3.5 mg/kg Workers Systemic
bw/day
DNEL Long term 4.33 mg/m³ General Systemic
Inhalation population
DNEL Long term 24.58 mg/ Workers Systemic
Inhalation m³
D_LIMONENE DNEL Long term 66.7 mg/m³ Workers Systemic
Inhalation
DNEL Long term Dermal 9.5 mg/kg Workers Systemic
bw/day
DNEL Long term 16.6 mg/m³ General Systemic
Inhalation population
[Consumers]
DNEL Long term Dermal 4.8 mg/kg General Systemic
bw/day population
[Consumers]
DNEL Long term Oral 4.8 mg/kg General Systemic
bw/day population
[Consumers]
DNEL Long term Oral 4.8 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 4.8 mg/kg General Systemic
bw/day population
DNEL Long term Dermal 9.5 mg/kg Workers Systemic
bw/day
DNEL Long term 16.6 mg/m³ General Systemic
Inhalation population
DNEL Long term 66.7 mg/m³ Workers Systemic
Inhalation
PNECs

SECTION 8: Exposure controls/personal protection
Product/ingredient name Compartment Detail Value Method Detail
ALCOHOL Fresh water 0.96 mg/l Assessment Factors
Marine water 0.79 mg/l Assessment Factors
Sewage Treatment 580 mg/l Assessment Factors
Plant
Fresh water sediment 3.6 mg/kg dwt Equilibrium Partitioning
Marine water sediment 2.9 mg/kg dwt Equilibrium Partitioning
METHYL ALCOHOL Fresh water 20.8 mg/l Assessment Factors
Marine water 2.08 mg/l Assessment Factors
Sewage Treatment 100 mg/l Assessment Factors
Plant
Fresh water sediment 77 mg/kg dwt Equilibrium Partitioning
Marine water sediment 7.7 mg/kg dwt Equilibrium Partitioning
Soil 100 mg/kg dwt Equilibrium Partitioning
LINALOOL Fresh water 0.2 mg/l Assessment Factors

Marine water 0.02 mg/l Assessment Factors
Sewage Treatment 10 mg/l Assessment Factors
Plant
D_LIMONENE Fresh water 14 µg/l Assessment Factors
Marine water 1.4 µg/l Assessment Factors
Sewage Treatment 1.8 mg/l Assessment Factors
Plant
Fresh water sediment 3.85 mg/kg dwt Equilibrium Partitioning
Marine water sediment 0.385 mg/kg dwt Equilibrium Partitioning
Soil 0.763 mg/kg Equilibrium Partitioning
BHT Fresh water 0.199 µg/l Assessment Factors
Marine water 0.02 µg/l Assessment Factors
Soil 47.69 µg/kg wwt Equilibrium Partitioning
8.2 Exposure controls
Appropriate engineering : Use only with adequate ventilation. If user operations generate dust, fumes, gas,
controls vapour or mist, use process enclosures, local exhaust ventilation or other
engineering controls to keep worker exposure to airborne contaminants below any
recommended or statutory limits. The engineering controls also need to keep gas,
vapour or dust concentrations below any lower explosive limits. Use explosion-
proof ventilation equipment.
Individual protection measures
Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products,
before eating, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing.
Wash contaminated clothing before reusing. Ensure that eyewash stations and
safety showers are close to the workstation location.
Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk
assessment indicates this is necessary to avoid exposure to liquid splashes, mists,
gases or dusts. If contact is possible, the following protection should be worn,
unless the assessment indicates a higher degree of protection: safety glasses with
side-shields.
Skin protection
Hand protection : EN 16523-1:2015
Tested for protection against chemical permeation.
Low chemical resistant or waterproof gloves.
(EN 16523-1:2015 supersedes EN 374-3:2003)
EN 374-2:2003
Tested for protection against liquid penetration and micro-organisms.
EN 388:2003
Tested for protection against mechanical risks (abrasion, blade cut resistance, tear
resistance and puncture resistance).
ISO 374-1:2016/Type A
Protective glove with permeation resistance of at least 30 minutes each for at least
6 test chemicals.

ISO 374-1:2016/Type B
Protective glove with permeation resistance of at least 30 minutes each for at least
3 test chemicals.

ISO 374-1:2016/Type C
Protective glove with permeation resistance of at least 10 minutes for at least 1 test chemical. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure : Emissions from ventilation or work process equipment should be checked to controls ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance
Physical state : Liquid. [Aerosol.]
Colour : Colourless.
Odour : Fragrance-like.
Melting point/freezing point : Not relevant/applicable due to nature of the product.
Initial boiling point and boiling range : <34°C (<93.2°F)
Flammability (solid, gas) : Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits : Not relevant/applicable due to nature of the product.
Flash point : Closed cup: <0°C (<32°F)
Auto-ignition temperature : Not relevant/applicable due to nature of the product.
Decomposition temperature : Not relevant/applicable due to nature of the product.
pH : Not available. Not available.
Viscosity : Not relevant/applicable due to nature of the product.
Solubility in water Not relevant/applicable due to nature of the product.
:
Partition coefficient: n-octanol/water : Not relevant/applicable due to nature of the product.
Vapour pressure : Not relevant/applicable due to nature of the product.
Vapour density : Not relevant/applicable due to nature of the product.
Particle characteristics

SECTION 9: Physical and chemical properties
Median particle size : Not relevant/applicable due to nature of the product.
9.2 Other information
Heat of combustion : 35.34 kJ/g
Aerosol product
Type of aerosol : Spray
SECTION 10: Stability and reactivity
10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability : The product is stable.
10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame).
10.5 Incompatible materials : No specific data.
10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SECTION 11: Toxicological information
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
BUTANE	LC50 Inhalation Vapour	Rat	658000 mg/m³	4 hours
ALCOHOL	LC50 Inhalation Vapour	Rat	124700 mg/m³	4 hours
	LD50 Oral	Rat	7 g/kg	-
METHYL ALCOHOL	LC50 Inhalation Gas.	Rat	145000 ppm	1 hours
	LC50 Inhalation Gas.	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-
CITRAL	LD50 Dermal	Rabbit	2250 mg/kg	-
	LD50 Oral	Rat	3.45 g/kg	-
LINALOOL	LD50 Dermal	Rabbit	5610 mg/kg	-
	LD50 Dermal	Rat	5610 mg/kg	-
	LD50 Oral	Rat	2790 mg/kg	-
D_LIMONENE	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-

Conclusion/Summary : Based on available data, the classification criteria are not met.
Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
AWICK,PURE	8281.6	15244.7	N/A	248.4	N/A
NENUCO_3129048_D8373244__EU					
BUTANE	N/A	N/A	N/A	658	N/A
ALCOHOL	7000	N/A	N/A	124.7	N/A
METHYL ALCOHOL	100	300	64000	3	N/A
CITRAL	3450	2250	N/A	N/A	N/A
LINALOOL	2790	5610	N/A	N/A	N/A
D_LIMONENE	4400	N/A	N/A	N/A	N/A

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU)

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SECTION 11: Toxicological information
Irritation/Corrosion
Product/ingredient name Result Species Score Exposure Observation
ALCOHOL Eyes - Mild irritant Rabbit - 24 hours 500 -
mg
Eyes - Moderate irritant Rabbit - 0.066666667 -
minutes 100
mg
Eyes - Moderate irritant Rabbit - 100 uL -
Skin - Mild irritant Rabbit - 400 mg -
Skin - Moderate irritant Rabbit - 24 hours 20 -
mg
CITRAL Skin - Mild irritant Human - 24 hours 40 -
mg
Skin - Moderate irritant Guinea pig - 48 hours 1 % -
Skin - Moderate irritant Rabbit - 24 hours 500 -
mg
Skin - Severe irritant Guinea pig - 24 hours 100 -
mg
Skin - Severe irritant Man - 48 hours 16 -
mg
Skin - Severe irritant Pig - 48 hours 50 -
mg
Skin - Severe irritant Rabbit - 24 hours 100 -
mg
LINALOOL Eyes - Moderate irritant Rabbit - 1 hours 0.1 -
Ml
Eyes - Moderate irritant Rabbit - 100 uL -
Skin - Mild irritant Human - 72 hours 32 -
%
Skin - Mild irritant Man - 48 hours 16 -
mg
Skin - Mild irritant Rabbit - 24 hours 500 -
mg
Skin - Moderate irritant Guinea pig - 24 hours 100 -
mg
Skin - Severe irritant Rabbit - 24 hours 100 -
mg
D_LIMONENE Skin - Mild irritant Rabbit - 24 hours 10 -
%
Conclusion/Summary
Skin : Based on available data, the classification criteria are not met.
Eyes : Based on available data, the classification criteria are not met.
Respiratory : Based on available data, the classification criteria are not met.
Sensitisation
Conclusion/Summary
Skin : Based on available data, the classification criteria are not met.
Respiratory : Based on available data, the classification criteria are not met.
Mutagenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.

Carcinogenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Reproductive toxicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Teratogenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)

SECTION 11: Toxicological information
Product/ingredient name Category Route of exposure Target organs
METHYL ALCOHOL Category 1 - -
Specific target organ toxicity (repeated exposure)
Not available.
Aspiration hazard
Product/ingredient name Result
D_LIMONENE ASPIRATION HAZARD - Category 1
Information on likely routes of exposure : Not available.
Potential acute health effects
Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Symptoms related to the physical, chemical and toxicological characteristics
Eye contact : Adverse symptoms may include the following:
irritation
redness
Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing
Skin contact : No specific data.
Ingestion : No specific data.
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Short term exposure
Potential immediate effects : Not available.
Potential delayed effects : Not available.
Long term exposure
Potential immediate effects : Not available.
Potential delayed effects : Not available.
Potential chronic health effects
Not available.
Conclusion/Summary : Based on available data, the classification criteria are not met.
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

11.2 Information on other hazards
11.2.1 Endocrine disrupting properties
Not available.
11.2.2 Other information
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SECTION 11: Toxicological information
Not available.
SECTION 12: Ecological information
12.1 Toxicity
Product/ingredient name Result Species Exposure
ALCOHOL Acute EC50 3306 mg/l Marine water Algae - Ulva pertusa 96 hours
Acute EC50 1074 mg/l Fresh water Crustaceans - Cypris subglobosa 48 hours
Acute LC50 5680 mg/l Fresh water Daphnia - Daphnia magna - Neonate 48 hours
Acute LC50 11000000 µg/l Marine Fish - Alburnus alburnus water 96 hours
Chronic NOEC 4.995 mg/l Marine Algae - Ulva pertusa water 96 hours
Chronic NOEC 100 ul/L Fresh water Daphnia - Daphnia magna - Neonate 21 days
METHYL ALCOHOL Acute EC50 16.912 mg/l Marine water Algae - Ulva pertusa 96 hours
Acute LC50 2500000 µg/l Marine water Crustaceans - Crangon crangon - Adult 48 hours
Acute LC50 3289 mg/l Fresh water Daphnia - Daphnia magna - Neonate 48 hours
Acute LC50 290 mg/l Fresh water Fish - Danio rerio - Egg 96 hours
Chronic NOEC 9.96 mg/l Marine water Algae - Ulva pertusa 96 hours
LINALOOL Acute EC50 36.7 ppm Fresh water Daphnia - Daphnia magna 48 hours
Acute LC50 28.8 ppm Fresh water Fish - Oncorhynchus mykiss 96 hours
D_LIMONENE Acute EC50 421 µg/l Fresh water Daphnia - Daphnia magna 48 hours
Acute EC50 688 µg/l Fresh water Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) 96 hours
Conclusion/Summary : Based on available data, the classification criteria are not met.
12.2 Persistence and degradability
Product/ingredient name Test Result Dose Inoculum
LINALOOL - 62.4 % - Readily - 28 days - -
Conclusion/Summary : Not available.
Product/ingredient name Aquatic half-life Photolysis Biodegradability
LINALOOL - - Readily
12.3 Bioaccumulative potential
Product/ingredient name LogP BCF Potential
BUTANE 2.89 - low
ALCOHOL -0.35 - low
PROPANE 1.09 - low
METHYL ALCOHOL -0.77 <10 low
CITRAL 2.76 89.72 low

LINALOOL 2.84 - low
D_LIMONENE 4.38 - high
12.4 Mobility in soil
Soil/water partition : Not available.
coefficient (K)
OC
Mobility : Not available.
12.5 Results of PBT and vPvB assessment
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SECTION 12: Ecological information
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
12.6 Endocrine disrupting properties
Not available.
12.7 Other adverse effects
No known significant effects or critical hazards.
SECTION 13: Disposal considerations
The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).
13.1 Waste treatment methods
Product
Methods of disposal : The generation of waste should be avoided or minimised wherever possible.
Disposal of this product, solutions and any by-products should at all times comply
with the requirements of environmental protection and waste disposal legislation and
any regional local authority requirements. Dispose of surplus and non-recyclable
products via a licensed waste disposal contractor. Waste should not be disposed of
untreated to the sewer unless fully compliant with the requirements of all authorities
with jurisdiction.
Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.
Packaging
Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste
packaging should be recycled. Incineration or landfill should only be considered
when recycling is not feasible.
Special precautions : This material and its container must be disposed of in a safe way. Empty containers
or liners may retain some product residues. Do not puncture or incinerate container.
SECTION 14: Transport information
For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1950	UN1950	UN1950	UN1950
14.2 UN proper shipping name	AEROSOLS	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3 Transport hazard class(es)	2	2	2.1	2.1
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	No.	No.	No.	No.

Additional information

ADR/RID : Limited quantity 1 L
Special provisions 190 327 625 344
Tunnel code (D)
ADN : Special provisions 190 327 625 344
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SECTION 14: Transport information
IMDG : Emergency schedules F-D, S-U
Special provisions 63, 190, 277, 327, 959, 344
IATA : Quantity limitation Passenger and Cargo Aircraft: 75 kg. Packaging instructions: 203. Cargo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y203.
Special provisions A145, A167
14.6 Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.7 Maritime transport in bulk according to IMO instruments : Not available.
SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)
Annex XIV - List of substances subject to authorisation
Annex XIV
None of the components are listed.
Substances of very high concern
None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : None.
Other EU regulations
Ozone depleting substances (1005/2009/EU)
Not listed.
Prior Informed Consent (PIC) (649/2012/EU)
Not listed.
Persistent Organic Pollutants
Not listed.
Aerosol dispensers :
■
Extremely flammable
Seveso Directive
This product is controlled under the Seveso Directive.
Danger criteria
Category
P3a
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SECTION 15: Regulatory information
15.2 Chemical safety : No Chemical Safety Assessment has been carried out.
assessment
SECTION 16: Other information
Indicates information that has changed from previously issued version.
Abbreviations and : ATE = Acute Toxicity Estimate
acronyms CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative
Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Classification Justification
Aerosol 1, H222, H229 On basis of test data
Full text of abbreviated H statements
H220 Extremely flammable gas.
H222, H229 Extremely flammable aerosol. Pressurised container: may burst if
heated.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H370 Causes damage to organs.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS]
Acute Tox. 3 ACUTE TOXICITY - Category 3
Aerosol 1 AEROSOLS - Category 1
Aquatic Acute 1 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Asp. Tox. 1 ASPIRATION HAZARD - Category 1
Eye Irrit. 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Gas 1A FLAMMABLE GASES - Category 1A
Flam. Liq. 2 FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3 FLAMMABLE LIQUIDS - Category 3
Press. Gas (Comp.) GASES UNDER PRESSURE - Compressed gas
Skin Irrit. 2 SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1 SKIN SENSITISATION - Category 1
Skin Sens. 1B SKIN SENSITISATION - Category 1B
STOT SE 1 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -

Category 1
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revision
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SECTION 16: Other information
Notice to reader
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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.