

## SAFETY DATA SHEET

## AirPlus 22

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

## 1.1. Product identifier

## Trade name

AirPlus 22

## Product no.

7002200S

## Unique formula identifier (UFI)

Y2NG-3558-HN05-UND7

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

## Relevant identified uses of the substance or mixture

Food grade lubricant

Restricted to professional users.

## Use descriptors (UK REACH)

Sectors of use	Description
LCS "IS"	Industrial uses: Uses of substances as such or in preparations at industrial sites
SU 17	General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC 24	Lubricants, Greases and Release Products

## Uses advised against

None known.

## 1.3. Details of the supplier of the safety data sheet

## Company and address

**Unoflow AB**

Bultgatan 30

442 40 KUNGÄLV

SVERIGE

070-6688330

## Contact person

Service

## E-mail

service@unoflow.se

## Revision

19/11/2025

## SDS Version

1.0

## 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Aerosol 1; H222, H229, Extremely flammable aerosol. Pressurised container: May burst if heated.

### 2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Extremely flammable aerosol. Pressurised container: May burst if heated. (H222, H229)

Precautionary statement(s)

General

Not applicable.

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

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

Do not pierce or burn, even after use. (P251)

Response

Not applicable.

Storage

Store in a well-ventilated place. (P403)

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

Disposal

Not applicable.

Hazardous substances

Does not contain any substances required to report

Additional labelling

UFI: Y2NG-3558-HN05-UND7

### 2.3. Other hazards

Additional warnings

In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive.

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
propane	CAS No.: 74-98-6 EC No.: 200-827-9 UK-REACH: Index No.: 601-003-00-5	25-40%	Flam. Gas 1A, H220	
butane;and isobutane	CAS No.: 106-97-8 EC No.: 203-448-7 UK-REACH:	25-40%	Flam. Gas 1A, H220	[11]

Index No.: 601-004-00-0

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[11] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8) (CLP, Annex VI, note K).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

##### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

##### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

##### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

#### 4.2. Most important symptoms and effects, both acute and delayed

None known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

In use may form flammable/explosive vapour-air mixture.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.  
Hazchem Code: None

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Accidental releases always pose a serious risk of fire or explosion.  
Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.  
Ensure adequate ventilation, especially in confined areas.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.  
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.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.  
Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.

#### Recommended storage material

Keep only in original packaging.

#### Storage conditions

Dry, cool and well ventilated

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

butane;and isobutane  
Long term exposure limit (8 hours) (ppm): 600  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1450  
Short term exposure limit (15 minutes) (ppm): 750  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1810  
Annotations:

Carc1 = Capable of causing cancer and/or heritable genetic damage if it contains more than 0.1% of buta-1,3-diene.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

## DNEL

No data available.

## PNEC

No data available.

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment

### Generally

Use only UKCA marked protective equipment.

### Respiratory Equipment

Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation			

### Skin protection

Recommended	Type/Category	Standards
No special when used as intended	-	-

### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No special when used as intended	-	-	-

### Eye protection

Type	Standards
In the likelihood of direct or incidental exposure, use face protection.	EN166



## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

### Physical state

Aerosol

### Colour

Colourless

### Odour / Odour threshold

Kolväte

### pH

No data available.

### Density (g/cm<sup>3</sup>)

No data available.

### Kinematic viscosity

No data available.

### Particle characteristics

No data available.

## Phase changes

### Melting point/Freezing point (°C)

No data available.

### Softening point/range (°C)

Does not apply to aerosols.

### Boiling point (°C)

No data available.

### Vapour pressure

No data available.

### Relative vapour density

No data available.

### Decomposition temperature (°C)

No data available.

## Data on fire and explosion hazards

### Flash point (°C)

Does not apply to aerosols.

### Flammability (°C)

The material is ignitable.

### Auto-ignition temperature (°C)

No data available.

### Lower and upper explosion limit (% v/v)

No data available.

## Solubility

### Solubility in water

No data available.

### n-octanol/water coefficient (LogKow)

No data available.

### Solubility in fat (g/L)

No data available.

## 9.2. Other information

### Oxidizing properties

No data available.

### Other physical and chemical parameters

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

## 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

## 10.3. Possibility of hazardous reactions

None known.

## 10.4. Conditions to avoid

Avoid static electricity.

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

## 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

## 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 as retained and amended in UK law

#### Acute toxicity

Based on available data for the mixture, the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data for the mixture, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data for the mixture, the classification criteria are not met.

#### Respiratory sensitisation

Based on available data for the mixture, the classification criteria are not met.

#### Skin sensitisation

Based on available data for the mixture, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data for the mixture, the classification criteria are not met.

#### Carcinogenicity

Based on available data for the mixture, the classification criteria are not met.

#### Reproductive toxicity

Based on available data for the mixture, the classification criteria are not met.

#### STOT-single exposure

Based on available data for the mixture, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data for the mixture, the classification criteria are not met.

#### Aspiration hazard

Based on available data for the mixture, the classification criteria are not met.

### 11.2. Information on other hazards

#### Long term effects

None known.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	propane
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	16,9 mg/L

Product/substance propane  
 Species: Algae  
 Duration: 72 hours  
 Test: IC50  
 Result: 11,3 mg/L

Product/substance propane  
 Species: Crustacean, Daphnia magna  
 Duration: 48 hours  
 Test: EC50  
 Result: 16,3 mg/L

Based on available data for the mixture, the classification criteria are not met.

## 12.2. Persistence and degradability

Product/substance butane;and isobutane  
 Result: 100 %, 385.5 h  
 Conclusion: -

## 12.3. Bioaccumulative potential

Product/substance propane  
 BCF: 13,18  
 Conclusion: No potential for bioaccumulation

Product/substance butane;and isobutane  
 BCF: 33,88  
 Conclusion: No potential for bioaccumulation

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

## 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

## 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 3 - Flammable

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

15 01 10\* Packaging containing residues of or contaminated by dangerous substances

14 06 02\* Other halogenated solvents and solvent mixtures

### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN1950	AEROSOLS	Transport hazard class: 2 Label: 2.1	-	No	Limited quantities:

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
		Classification code: 5F 			1 L Tunnel restriction code: (D) See below for additional informatio n.
IMDG	UN1950 AEROSOLS	Transport hazard class: 2 Label: 2.1 Classification code: 5F 	-	No	Limited quantities: 1 L EmS: F-D S- U See below for additional informatio n.
IATA	UN1950 AEROSOLS	Transport hazard class: 2 Label: 2.1 Classification code: 5F 	-	No	See below for additional informatio n.

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.  
Hazchem Code: None

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

#### Demands for specific education

No specific requirements.

#### Control of Major Accident Hazards (COMAH) - Categories / dangerous substances

P3a - FLAMMABLE AEROSOLS, Qualifying quantity (lower-tier): 150 tonnes (net) / (upper-tier): 500 tonnes (net)

#### UK-REACH, Annex XVII

propane is subject to UK-REACH restrictions (entry 40).

butane;and isobutane is subject to UK-REACH restrictions (entry 40).

#### Product registration number

The product is registered H1 (2Probit #GK0429203) - Suitable for incidental food contact. Max. 10 ppm

#### Additional information

Not applicable.

#### Sources

The Aerosol Dispensers Regulations 2009 No. 2824, amended in 2014 (No. 1130) and in 2018 (No. 29).

Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H220, Extremely flammable gas.

#### The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites

SU 17 = General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PC 24 = Lubricants, Greases and Release Products

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the mixture in regard to physical hazards has been based on experimental data.

#### The safety data sheet is validated by

Cargo Oil AB

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en