

This safety data sheet meets the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Date of issue 2020-10-21

Versie 1

Section 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE MANUFACTURER

1.1. Product identification

Product code AC9501
Product name AIR DUSTER SPRAY

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

Identified uses Dust remover
Uses advised against Do not use on humans and animals

1.3. Details of the supplier of the safety data sheet

Supplier Intronics B.V
P.O. box 123, 3770 AC Barneveld
the Netherlands


For more information, please contact:

Technical support: +31 342 407 050

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

 Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.

Adverse physicochemical, human health and environmental effects: No other hazards

2.2. Label elements

Product identification

Hazard pictograms:



Signal word

Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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

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

P251 Do not pierce or burn, even after use.

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

Special Provisions: None

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None





Other Hazards: section 10.3

Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS
3.1 Substances

N.A.

3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 60% - < 70%	propane	Index number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21-0046	 2.2/1 Flam. Gas 1 H220  2.5 Press. Gas H280
>= 40% - < 50%	Hydrocarbons, C4; Petroleum gas	Index number: 649-113-00-2 CAS: 87741-01-3 EC: 289-339-5 REACH No.: 01-2119480480-41-xxxx	 2.5 Press. Gas H280  2.2/1 Flam. Gas 1 H220 DECLK (CLP)*

*DECLK (CLP): This substance is classified in accordance with Note K, Annex VI of EC Regulation CE 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 should apply. This note applies only to certain complex oil-derived substances in Part 3.

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove casualty to fresh air and keep warm and at rest.
Skin contact	Wash with plenty of water and soap.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

4.2. Most important acute and delayed symptoms and effects

Main symptoms For symptoms and effects due to the contained substances see chapter 11

4.3. Indication of the requirement for immediate medical attention and special treatment

Treatment Follow the doctor's instructions.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing material

Suitable extinguishing material	CO2 or Dry chemical fire extinguisher
Unsuitable extinguishing material	Water

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.
Do not inhale explosion and combustion gases.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Keep containers cool with water spray.
Move undamaged containers from immediate hazard area if it can be done safely.
Use fire fighter's clothing conforming to European standard EN469.

Section 6: MEASURES FOR THE ACCIDENTAL RELEASE OF THE SUBSTANCE

6.1. Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
 In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 Suitable material for taking up: absorbing material, organic, sand.
 Retain contaminated washing water and dispose it.

6.3. Methods and material for containment and cleaning up

For cleaning up:
 Wash with plenty of water.
 Wet clean or vacuum up solids.
 Clear spills immediately

6.4. Reference to other sections

See Section 8 and 13 for more information.

Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling of the substance or mixture****Advice on safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.
 Don't use empty container before they have been cleaned.
 Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 See also section 8 for recommended protective equipment

Hygiene measures

Contaminated clothing should be changed before entering eating areas.
 Do not eat or drink while working.

7.2. Conditions for safe storage, including incompatible products**Technical Measures**

Store in a cool, well ventilated place, away from heat, flames, sparks or other sources of ignition.

Storage conditions

Keep only in the original container away from sunlight neighborhoods.
 Avoid contact with skin and eyes, inhalation of vapours/mists/dusts.
 Do not use empty containers before they are cleaned.
 Contaminated clothing must be replaced before entering the dining areas.
 At work do not eat or drink.
 Avoid the accumulation of electrostatic charges.
 Do not smoke.
 Store at below 50°C. Keep away from unguarded flame and heat sources.
 Avoid direct exposure to sunlight.
 Keep away from unguarded flame, sparks, and heat sources.
 Keep away from food, drink and feed.

Incompatible substances None known (based on information provided).

7.3. Specific end use

Risk management measures (RBM) N.A.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

propane - CAS: 74-98-6

ACGIH - Notes: (D, EX) - Asphyxia

DNEL Exposure Limit Values: N.A.

PNEC Exposure Limit Values: N.A.

8.2. Measures to control exposure

Technical measures	Do not expose to temperatures exceeding 50° c.
Eye / face protection	Not needed for normal use. Anyway, operate according good working practices.
Hand protection	Not needed for normal use.
Skin and body protection	No special precaution must be adopted for normal use
Respiratory protection	Not needed for normal use.
Environmental exposure controls	None.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES
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9.1. Information about basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Spray can	--	--
Odour:	characteristic	--	--
Odour threshold:	Not Relevant	--	--
pH:	Not Relevant	--	--
Melting point / freezing point:	<-138°C	--	--
Initial boiling point and boiling range:	<-35°C	--	--
Flash point:	< 0 ° C	--	--
Evaporation rate:	Not Relevant	--	--
Solid/gas flammability:	Not Relevant	--	--
Upper/lower flammability or explosive limits:	Not Relevant	--	--
Vapour pressure:	6 bar +/- 1 20°C	--	--
Vapour density:	>2	--	--
Relative density:	0.53 +/- 0.05	--	--
Solubility in water:	Not Relevant	--	--
Solubility in oil:	Not Relevant	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	>200°C	--	--
Decomposition temperature:	Not Relevant	--	--
Viscosity:	Not Relevant	--	--
Explosive properties:	section 10.3	--	--
Oxidizing properties:	Not Relevant	--	--

9.2. Other information

Properties	Value	Method:	Notes:
kinematic viscosity:	Not Relevant	--	--
Miscibility:	Not Relevant	--	--
Fat Solubility:	Not Relevant	--	--
Conductivity:	Not Relevant	--	--
Substance Groups relevant properties	Not Relevant	--	--

Section 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity</u>	Avoid contact with strong acids and bases and oxidizing agents.
<u>10.2. Chemical stability</u>	Stable under normal conditions.
<u>10.3. Possible hazardous reactions</u>	May form explosive vapor / air mixtures in places not well ventilated.
<u>10.4. Conditions to avoid</u>	Avoid the accumulation of electrostatic charges. Keep away from heat, sources of ignition.
<u>10.5. Incompatible materials</u>	Oxidizing agents. Acids, alkalis and alkaline metals.
<u>10.6. Hazardous decomposition products</u>	By thermal decomposition can rid COx.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion / irritation	Based on available data, the classification criteria are not met.
Serious eye damage / eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
carcinogenic effects	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Toxicological information of the main substances found in the product: N.A.

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

AIR SPRAY 400 ML

- a) Aquatic acute toxicity: Based on available data, the classification criteria are not met
- b) Aquatic chronic toxicity: Based on available data, the classification criteria are not met
- c) Bacteria toxicity: Based on available data, the classification criteria are not met
- d) Terrestrial toxicity: Based on available data, the classification criteria are not met
- e) Plant toxicity: Based on available data, the classification criteria are not met
- f) Effects in sewage plants: Based on available data, the classification criteria are not met

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility in the soil

No information available.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None.

12.6. Other harmful effects

No information available.

Section 13: DISPOSAL INSTRUCTIONS

13.1. Waste treatment methods

Waste from residues / unused products	Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
Contaminated packaging	contaminated packaging should be sent for recovery or disposal in compliance with national regulations on waste management reuse if possible. Product residues are to be considered hazardous waste. disposal must be entrusted to authorised waste management, in compliance with national and, where appropriate, local.

Section 14: INFORMATION REGARDING TRANSPORT

14.1 UN / ID No	ADR-UN number: 1950
	IATA-Un number: 1950
	IMDG-Un number: 1950
14.2 Proper shipping name	Not regulated
14.3 Hazards class	ADR-Class: 2.5°F CAP. 2.2.2.1.6 UN1950
	IATA-Class: 2.1
	IMDG-Class: 2 Aerosols UN 1950
14.4 Packing group	ADR-Packing Group: N.A.
	IATA-Packing group: N.A.
	IMDG-Packing group: N.A.
14.5 Harmful to the environment	No
Marine pollution	No
14.6 Special Provisions	IMDG-Page: 2102
14.7 Transport in bulk	No
in accordance with Annex II to MARPOL 73/78 and the IBC code	

Section 15: REGULATION

15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)
 Dir. 2000/39/EC (Occupational exposure limit values)
 Regulation (EC) n. 1907/2006 (REACH)
 Regulation (EC) n. 1272/2008 (CLP)
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
 Regulation (EU) 2015/830
 Regulation (EU) n. 286/2011 (ATP 2 CLP)
 Regulation (EU) n. 618/2012 (ATP 3 CLP)
 Regulation (EU) n. 487/2013 (ATP 4 CLP)
 Regulation (EU) n. 944/2013 (ATP 5 CLP)
 Regulation (EU) n. 605/2014 (ATP 6 CLP)
 Regulation (EU) n. 2015/1221 (ATP 7 CLP)
 Regulation (EU) n. 2016/918 (ATP 8 CLP)
 Regulation (EU) n. 2016/1179 (ATP 9 CLP)
 Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: None

Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III)
 Regulation (EC) nr 648/2004 (detergents).
 Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1
 Product belongs to category: P3a

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Section 16: OTHER INFORMATION

An explanatory list of abbreviations and acronyms used in the safety data sheet

Text of phrases referred to under heading 3:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Press. Gas	2.5	Gases under pressure

Paragraphs modified from the previous revision:

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

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

SECTION 5: Firefighting measures

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

SECTION 12: Ecological information

SECTION 13: Disposal considerations

SECTION 14: Transport information

SECTION 15: Regulatory information

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222+H229	On basis of test data

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

Date of issue 2020-10-21

Revision date Not applicable.

Reason for revision: Not applicable.

This safety data sheet is in accordance with the requirements of Regulation (EC) 1907/2006, 1272/2008


Disclaimer

The information in this SDS is prepared to the best of our ability and reflects the state of knowledge at the time of publication. The data is presented as a guideline for the safe handling, use, storage, transport, and disposal of the substance, and cannot be regarded as a guarantee certificate or quality specification. The information given relates to the substance as such and may no longer be valid when the substance is used together with other substances or in processes.

End of the safety data sheet

Intronics BV

Shardene Brink, *compliance officer*



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