



# PRODUCT TECHNICAL SHEET

## PET FORTE PRO Heavy Duty Disinfectant Cleaner, Odour Eliminator

In ONE application "PET FORTE PRO" SAFELY & EFFECTIVELY CLEANS & DISINFECTS all SURFACES achieving a 4-6 LOG REDUCTION on VIRUSES, BACTERIA & MOLD within 10 minutes, while simultaneously eliminating all animal and pet odours instantly.

TGA listed and formulated using safe but effective ingredients, our PET FORTE PRO has effective bacterial & virucidal disinfection benefits proven to hospital grade disinfection standards.

Tested and proven in the respected laboratories of Eurofins and Accuratus to show effectiveness against; Canine Parvovirus, Feline Calicivirus, PRRS, PEDV, Listeria, Salmonella, Staphylococcus, E-Coli, Pseudomonas

Atmosphere products proudly boast the following environmental safety requirements;

- Contains No Volatile Organic Compounds (VOCs).
- Contains No Hazardous Components.
- Contains No Nonylphenol Ethoxylates (NPEs).
- Contains No Ozone Depleting Substances (ODS).
- Contains No SARA Section 313 Reportable Ingredients.
- Contains No Phosphates.
- Contains No Heavy Metals.
- Contains No Chlorine.
- Contains No Phthalates (PVC).
- All products Packaged in Environmentally Responsible Packaging.
- Has Only Zeros or Ones on HMIS®III Numbers for Health, Flammability, Physical Hazard.

FOR MORE INFORMATION  
CONSULT SAFETY DATA SHEET

### APPLICATIONS

HARD and NON-POROUS SURFACES, EQUIPMENT, BEDDING, UTENSILS INSTRUMENT, ELIMINATING OFFENSIVE ODOURS in VETERINARY PRACTICES & PET/ANIMAL HOUSING (KENNELS, STABLES, CATTERIES, AVIARIES etc.)

For more information on ATMOSPHERE & its products:

1300 390 365

info@atmosphere.global

www.atmosphere.global

ATMOSPHERE GLOBAL  
PO BOX 220  
Charlestown, NSW,  
2290, AUSTRALIA

### TECHNICAL DATA SUMMARY

COLOUR	Clear
FRAGRANCE	Mild detergent scent from surfactants
DILUTION RATIO	Refer to label for specific applications
PH LEVEL AT USE DILUTION	8.00 - 10.00
TGA REGISTERED	Yes
ARTG ID	303181
SHELF LIFE	2-years

PATHOGENS	LOG KILL	TIME
CANINE PARVOVIRUS	<4	10min
FELINE CALICIVIRUS	>6	10min
SALMONELLA	>6	30sec
E-COLI	>6	30sec
LISTERIA	>6	30sec

**AND THERES MORE** Seneca Valley Virus, PRRS, PEDV, Staphylococcus, Pseudomonas, Aspergillus



## Section 1 - Identification of The Material and Supplier

**Atmosphere Global Pty Ltd**  
**8 Charles Street**  
**Tingira Heights NSW 2290 AUSTRALIA**

**Phone: 1300 390 365**  
**info@atmosphere.global**  
**www.atmosphere.global**

**Chemical nature:** Cleaning product

**Trade Name:** **Atmosphere Pet Forte Pro**

**Product Use:** Veterinary and Animal Housing heavy duty cleaner, hospital grade disinfectant, sanitiser, suitable for all hard and non-porous surfaces.

**ARTG ID:** **303181**

**Creation Date:** **November, 2018**

**This version issued:** **March, 2019** and is valid for 5 years from this date.

**Poisons Information Centre: Phone 13 1126 from anywhere in Australia**

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**UN Number:** None allocated

**GHS Signal word: NONE. Not hazardous.**

### PREVENTION

P262: Do not get in eyes, on skin, or on clothing.

P270: Do not eat, drink or smoke when using this product.

P281: Use personal protective equipment as required.

### RESPONSE

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

### STORAGE

P404: Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

### DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

## Emergency Overview

**Physical Description & Colour:** Clear liquid

**Odour:** Mild detergent odour

**Major Health Hazards:** no significant risk factors have been found for this product.

## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Quaternary ammonium compounds (Plant derived)	proprietary	<2.50	not set	not set
Sodium chlorite solution	proprietary	<0.30	not set	not set
Other reportedly non-hazardous ingredients	secret	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## Section 4 - First Aid Measures

### General Information:

## SAFETY DATA SHEET

Issued by: Atmosphere Global Pty Ltd

Phone: 1300 390 365

**Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

## Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** Not combustible. Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** No data

**Upper Flammability Limit:** No data.

**Lower Flammability Limit:** No data.

**Autoignition temperature:** No data.

**Flammability Class:** No data.

## Section 6 - Accidental Release Measures

**Accidental release:** Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

## Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers of this product in a well ventilated area. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

## Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used.

**Skin Protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when lengthy skin contact is likely.

**Protective Material Types:** There is no data that enables us to recommend any type except that it should be impermeable.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

## SAFETY DATA SHEET

## Section 9 - Physical and Chemical Properties:

<b>Physical Description &amp; colour:</b>	Clear liquid
<b>Odour:</b>	Mild detergent odour
<b>Boiling Point:</b>	100°C at 100kPa
<b>Freezing/Melting Point:</b>	-1°C
<b>Volatiles:</b>	No data.
<b>Vapour Pressure:</b>	No data.
<b>Vapour Density:</b>	No data.
<b>Specific Gravity:</b>	1.05 at 20°C
<b>Water Solubility:</b>	Completely soluble.
<b>pH:</b>	7.0-7.5
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	No data.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Autoignition temp:</b>	No data.

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated.

**Incompatibilities:** strong acids.

**Fire Decomposition:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form hydrogen chloride gas, other compounds of chlorine. Sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

## Section 11 - Toxicological Information

**Local Effects:**

**Target Organs:** There is no data to hand indicating any particular target organs.

## Classification of Hazardous Ingredients

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

## Potential Health Effects

**Inhalation:**

**Short Term Exposure:** Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.

**Long Term Exposure:** No data for health effects associated with long term inhalation.

**Skin Contact:**

**Short Term Exposure:** Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

**Long Term Exposure:** No data for health effects associated with long term skin exposure.

**Eye Contact:**

**Short Term Exposure:** This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

**Long Term Exposure:** No data for health effects associated with long term eye exposure.

**Ingestion:**

**Short Term Exposure:** Significant oral exposure is considered to be unlikely. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

**Long Term Exposure:** No data for health effects associated with long term ingestion.

**Carcinogen Status:**

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

## SAFETY DATA SHEET

## Section 12 - Ecological Information

Insufficient data to be sure of status.

## Section 13 - Disposal Considerations

**Disposal:** This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

## Section 14 - Transport Information

**UN Number:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## Section 15 - Regulatory Information

**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

## SAFETY DATA SHEET



## ATMOSPHERE TEST REPORTS

NAME	PATHOGEN VIRUS   BACTERIA	DILUTION	SURFACE DIRTY   CLEAN	LOG KILL	TIME	LAB
Feline Calicivirus	✓	1:60	✓	>6	<10min	Accuratus
Seneca Valley Virus	✓	1:60	✓	>6	<10min	Accuratus
PRRS	✓	1:128	✓	>6	<10min	Accuratus
PEDV	✓	1:128	✓	>6	<10min	Accuratus
Proteus Vulgaris	✓	1:60	✓	>6	<10min	Accuratus
Escherichia Coli	✓	1:60	✓	>6	<30sec	Accuratus
Staphylococcus Aureus	✓	1:60	✓	>6	<30sec	Accuratus
Listeria Monocytogenes	✓	1:60	✓	>6	<10min	Accuratus
Canine Parvovirus	✓	1:60	✓	>3	<10min	Eurofins
Salmonella Choleraesuis	✓	1:60	✓	>6	<10min	Eurofins
Pseudomonas Aeruginosa	✓	1:60	✓	>6	<10min	Eurofins
Escherichia Coli	✓	1:60	✓	>6	<30sec	Silliker
Salmonella Choleraesuis	✓	1:60	✓	>6	<30sec	Silliker
Listeria Monocytogenes	✓	1:60	✓	>6	<30sec	Silliker
Aspergillus Brasiliensis	✓	1:60	✓	>6	<30sec	Silliker

## APPROVALS / CERTIFICATIONS

NAME	COUNTRY	NUMBER / CERTIFIER
TGA Therapeutic Goods Association	AUSTRALIA	ARTG 303181
HACCP Manufacturer	AUSTRALIA	2710170734
AQIS Australian Quarantine Inspection Services	AUSTRALIA / NZ	Kilford & Kilford
USEPA	USA	EPA Reg. No. 92378-E
World Wise Certification	GLOBAL	United Laboratories
Non-Corrosive Substance	GLOBAL	Case Labs 830.6320
Non-Oxidizing Substance	GLOBAL	Case Labs 830.6314
AOAC Hospital Grade Disinfection	GLOBAL	16234172-V2
AOAC Germicidal Spray Test	GLOBAL	4TM002032218.GDST.1
MPI Ministry of Primary Industries	NEW ZEALAND	C 27: Animal Stock Wash
MPI Ministry of Primary Industries	NEW ZEALAND	C 41: Disinfectant
MPI Ministry of Primary Industries	NEW ZEALAND	C: 31: Cleaner
MPI Ministry of Primary Industries	NEW ZEALAND	Dairy Maintenance Compound

## SOME KEY CUSTOMERS

