



# VIRKILL

## FARMFLUID S CONCENTRATED DISINFECTANT

**Abbey Animal Health Pty Ltd**  
**SAFETY DATA SHEET**

### Section 1- Identification of Product and Supplier

**Supplier Company Details:** Abbey Animal Health Pty Ltd

**Address:** Unit 27/ 1 Maitland place, Norwest NSW, 2153

**Telephone Number:** 02 8088 0720

**Facsimile Number:** 02 8088 0721

**Emergency Number:** Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

#### PRODUCT NAME

*VIRKILL FARMFLUID S CONCENTRATED DISINFECTANT*

#### PRODUCT USE

Terminal disinfection of farm buildings used in all-in, all-out systems for all livestock and birds. Disinfection of individual pens or sections of animal housing in which contamination with disease causing organisms is suspected. The maintenance of security wheel and foot baths.

### Section 2- Hazards Identification

**Statement of Hazardous Nature this product is classified as:** Hazardous according to the criteria of SWA.

**ADG Classification:** Dangerous Goods according to Australian Dangerous Goods (ADG) Code.

**GHS Signal word:** DANGER

#### GHS Classification:

Acute toxicity- Category 3

Acute toxicity (Dermal)- Category 3

Skin corrosion/irritation- Category 1B

Mutagenicity- Category 1B

Carcinogenicity- Category 1B

#### Hazard Pictograms



## HAZARD STATEMENT

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H340: May cause genetic defects.

H350: May cause cancer.

## PREVENTION

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dusts or mists.

P264: Wash hands thoroughly after handling.

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

P280: Wear protective gloves/ protective clothing.

P281: Use personal protective equipment as required.

## RESPONSE

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

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313: IF exposed or concerned: Get medical advice/ attention.

P312: Call a POISON CENTRE or doctor/physician if you feel unwell.

P330: Rinse mouth.

P361: Remove/Take off immediately all contaminated clothing.

P363: Wash contaminated clothing before reuse.

## STORAGE

P405: Store locked up.

## DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

## Section 3- Composition / Information on Ingredients

| Ingredients           | CAS No     | Conc g/L | TWA (mg/m <sup>3</sup> ) | STEL (mg/m <sup>3</sup> ) |
|-----------------------|------------|----------|--------------------------|---------------------------|
| Tar acid high boiling | 84989-05-9 | 419.2    | Not set                  | Not set                   |
| Cresylic acid         | 1319-77-3  | 52.4     | Not set                  | Not set                   |
| Acetic acid           | 64-19-7    | 324.9    | Not set                  | Not set                   |

|                                 |  |      |         |         |
|---------------------------------|--|------|---------|---------|
| Other non-hazardous ingredients |  | 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.

## Section 4- First Aid Measures

***Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.***

### **SAFETY DIRECTIONS**

The concentrate is acidic, corrosive and will damage eyes and skin. Harmful if absorbed by skin contact or swallowed. Will damage eyes and skin. Repeat exposure may cause allergic disorders. Avoid contact with eyes and skin. Will irritate nose and throat. Do not inhale vapour. If clothing becomes contaminated with product remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. When opening the container, preparing solutions and using prepared solutions wear cotton overalls buttoned to the neck and wrist, elbow length PVC gloves, a PVC or rubber apron, goggles, half face piece respirator, impervious footwear and a washable hat. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, goggles, respirator and contaminated clothing. Rubber protective equipment should be washed with warm water and detergent.

**Swallowed:** Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Rinse mouth with water. If possible, drink milk afterwards. Do not give anything by mouth to an unconscious person.

**Skin:** Take off contaminated clothing immediately. Thoroughly swab with a 70:30 mixture of glycerol: methylated spirits. Wash off immediately with soap and water. Wash contaminated clothing before reuse. Call a poison control center or doctor immediately for treatment advice.

**Eye:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.

**Inhaled:** Move to fresh air. Call a POISON CENTRE or doctor/physician if you feel unwell. For breathing difficulties, oxygen may be necessary.

## Section 5- Fire Fighting Measures

### **Extinguishing Media:**

**Suitable extinguishing media:** Fog or water spray, Foam, dry Chemical.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Hazardous decomposition products:** Hazardous gases/vapors produced are sulfur dioxide, carbon monoxide, and carbon dioxide.

## Section 6 - Accidental Release Measures

**Method of Containment and Clean up Procedures:** Absorb small spills using suitable absorbing material and place in a sealed container for disposal. Contain large spills and transfer to an appropriate container for disposal. Residual surface material should be removed with towels moistened with methanol. Avoid contact of spilled materials and runoff with soil and surface waterways. Do not flush into drains or natural waterways or areas draining into potable water supplies. Use suitable protective equipment. Contact emergency response personnel for large spills. Keep unnecessary persons away.

## Section 7 - Handling and Storage

**Storage:** Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

## Section 8 - Exposure Controls / 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**.

| <b>SWA Exposure Limits</b> | <b>TWA (mg/m3)</b> | <b>STEL (mg/m3)</b> |
|----------------------------|--------------------|---------------------|
|----------------------------|--------------------|---------------------|

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 in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

**Eye Protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

**Skin Protection:** If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing impervious gloves, clothes and, preferably, aprons. Make sure that all skin areas are covered. See below for suitable material types.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: PVC.

**Respirator:** As this product is classed as a respiratory sensitiser, special care should be taken with respiratory selection if you are sensitised to this product or any of its declared ingredients. If there is a significant chance that dust is likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise, not normally necessary. Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

## Section 9 - Physical and Chemical Properties

|   |  |
|---|--|
| <b>Physical Description &amp; colour:</b> | Clear dark brown liquid.                         |
| <b>Odour:</b>                             | Acidic.  |
| <b>Boiling Point:</b>                     | No data.   |
| <b>Freezing/Melting Point:</b>            | No specific data. Liquid at normal temperatures. |
| <b>Vapour Pressure:</b>                   | No data.   |
| <b>Vapour Density:</b>                    | No data.   |
| <b>Specific Gravity:</b>                  | No data.   |
| <b>Water Solubility:</b>                  | No data.   |
| <b>pH:</b>                                | No data.   |
| <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:** Avoid heat and exposure to direct sunlight.

**Incompatibilities:** Incompatible with strong bases, oxidizing agents, hypochlorite and sodium hydroxide.

**Hazardous Decomposition:** Hazardous gases/vapors produced are sulfur dioxide, carbon monoxide, and carbon dioxide.

## Section 11 - Toxicological Information

**Skin irritation:** No data available.

**Eye irritation:** No data available.

**Sensitization:** No data available.

**Carcinogen Status:** None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

## Section 12 - Ecological Information

**Potential Environmental Considerations:** DO NOT contaminate streams, rivers or other waterways with the chemical or used containers.

### AQUATIC TOXICITY

*Daphnia magna* (Water Flea) EC50 48 Hours 35 mg/L

## Section 13 - Disposal Considerations

### Disposal

Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Spent Dip Disposal: Waste disinfectant from security wheel and foot baths should be contained and removed to an approved waste management facility or specified disposal pit and buried at least 500mm below the surface.

## Section 14 - Transport Information

### ADG

**UN number:** UN2922

**UN proper shipping name:** CORROSIVE LIQUID, TOXIC, N.O.S. (TAR ACID HIGH BOILING)

**Transport hazard class(es):** 8

**Packing group** II

**Environmental hazards:** No

**Hazchem Code:** 2X



## Section 15 - Regulatory Information

**Poisons Schedule: 6**

**APVMA Approval Number: 88332**

**Approved pack size: 5L, 18L, 20L**

*For more information please refer to the APVMA approved product label*

## Section 16 – Other Information

*Abbey Animal Health Pty Ltd*

*Telephone Number: 02 8088 0720*

*Facsimile Number: 02 8088 0721*

**Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).**

*This Safety Data Sheet (SDS) summarizes 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.*

**\*Note: This SDS is valid for 5 years from the effective date.**