

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

**Product name VPNA1125 RAIN VISION WIPES** 

RAIN VISION WIPES • VPNA1125 - PRODUCT CODE **Synonyms** 

1.2 Uses and uses advised against

Uses CLEANING AGENT • WIPE(S)

1.3 Details of the supplier of the product

**DUBOIS CHEMICALS AUSTRALIA PTY LTD** Supplier name

**Address** 13 - 15 Flight Drive, Tullamarine, VIC, 3043, AUSTRALIA

**Telephone** +61 3 8340 3200 +61 3 8340 3247 Fax

https://www.prowash.com.au/ Website

1.4 Emergency telephone numbers

**Emergency** 13 11 26 (Poisons Information Centre)

## 2. HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

**Physical Hazards** 

Flammable Liquids: Category 2

**Health Hazards** 

Serious Eye Damage / Eye Irritation: Category 2A

Specific Target Organ Toxicity (Single Exposure): Category 3 (Narcotic Effects)

**Environmental Hazards** 

Not classified as an Environmental Hazard

# 2.2 GHS Label elements

Signal word **DANGER** 

**Pictograms** 





## **Hazard statements**

H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.



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#### **Prevention statements**

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

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.

P243 Take action to prevent static discharges.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

#### Response statements

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

P304 + P340 IF INHALED: Remove person to fresh air and keep 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.

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

P337 + P313 If eye irritation persists: Get medical advice/attention. P370 + P378 In case of fire: Use appropriate media to extinguish.

Storage statements

P403 + P233 + P235 Store in a well-ventilated place. Keep cool. Keep container tightly closed.

P405 Store locked up.

**Disposal statements** 

P501 Dispose of contents/container in accordance with relevant regulations.

#### 2.3 Other hazards

No information provided.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

#### 3.1 Substances / Mixtures

| Ingredient        | CAS Number | EC Number | Content       |
|-------------------|------------|-----------|---------------|
| ISOPROPYL ALCOHOL | 67-63-0    | 200-661-7 | >85%          |
| DIMETHYL SILOXANE | 63148-62-9 | 613-156-5 | 5 to 15%      |
| SULPHURIC ACID    | 7664-93-9  | 231-639-5 | <2%           |
| TISSUE            | -          | -         | Not Available |

## 4. FIRST AID MEASURES

## 4.1 Description of first aid measures

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to

stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** Due to product form / nature of use, an inhalation hazard is not anticipated.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If

swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

First aid facilities Eye wash facilities should be available.

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

See Section 11 for more detailed information on health effects and symptoms.

# 4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

# 5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.



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

Highly flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones, etc when handling.

## 5.3 Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

## 5.4 Hazchem code

None allocated.

# 6. ACCIDENTAL RELEASE MEASURES

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

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Eliminate all sources of ignition.

## 6.2 Environmental precautions

Prevent product from entering drains and waterways.

## 6.3 Methods of cleaning up

Contain spillage, then collect and place in suitable containers for reuse or disposal. Eliminate all sources of ignition.

#### 6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

## 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

## 7.2 Conditions for safe storage, including any incompatibilities

Store removed from direct sunlight, heat or ignition sources and foodstuffs.

## 7.3 Specific end uses

No information provided.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 Control parameters

#### **Exposure standards**

| Ingredient        | Reference      | TWA |       | STEL |       |
|-------------------|----------------|-----|-------|------|-------|
|                   |                | ppm | mg/m³ | ppm  | mg/m³ |
| Isopropyl alcohol | SWA [AUS]      | 400 | 983   | 500  | 1230  |
| Isopropyl alcohol | SWA [Proposed] | 200 | 491   | 400  | 984   |
| Sulphuric acid    | SWA [AUS]      |     | 1     |      | 3     |

# **Biological limits**

| Ingredient        | Determinant      | Sampling Time                   | BEI     |
|-------------------|------------------|---------------------------------|---------|
| ISOPROPYL ALCOHOL | Acetone in urine | End of shift at end of workweek | 40 mg/L |

Reference: ACGIH Biological Exposure Indices

# 8.2 Exposure controls

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended exposure standard.

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**PPE** 

**Eye / Face** Not required under normal conditions of use.

**Hands** With prolonged use, wear nitrile or neoprene gloves.

**Body** Not required under normal conditions of use. **Respiratory** Not required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance WIPES IMPREGNATED WITH COLOURLESS LIQUID

Odour ALCOHOL ODOUR Flammability HIGHLY FLAMMABLE

Flash point 21.4°C (cc) 76.7°C to 82.2°C **Boiling point Melting point NOT AVAILABLE Evaporation rate NOT AVAILABLE** pН **NOT AVAILABLE** Vapour density **NOT AVAILABLE** Relative density 0.88 to 0.95 Solubility (water) **DISPERSIBLE** Vapour pressure **NOT AVAILABLE** 

Upper explosion limit 12.7 % Lower explosion limit 2.0 %

Partition coefficient
Autoignition temperature
Decomposition temperature
Viscosity
Explosive properties
Oxidising properties
Odour threshold
NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

## 10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

# 10.2 Chemical stability

Stable under recommended conditions of storage.

## 10.3 Possibility of hazardous reactions

Polymerization will not occur.

## 10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

# 10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites) and reducing agents (e.g. sulphites).

# 10.6 Hazardous decomposition products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

# 11. TOXICOLOGICAL INFORMATION

# 11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

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## Information available for the ingredients:

| Ingredient        | Oral LD50                     | Dermal LD50                   | Inhalation LC50                                |
|-------------------|-------------------------------|-------------------------------|--|
| ISOPROPYL ALCOHOL | > 2000 mg/kg (rat)<br>(AICIS) | > 2000 mg/kg (rat)<br>(AICIS) | > 20 mg/L (rat) (AICIS)                        |
| DIMETHYL SILOXANE | > 17000 mg/kg (rat)           | > 2000 mg/ kg (rabbit)        |  |
| SULPHURIC ACID    | 2140 mg/kg (rat)              |                               | 18 mg/m³ (guinea pig);<br>510 mg/m3/2hrs (rat) |

Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Skin

Causes serious eye irritation. Contact may result in irritation, lacrimation, pain and redness. Eve

Not classified as causing skin or respiratory sensitisation. Sensitisation

Mutagenicity Not classified as a mutagen. Not classified as a carcinogen. Carcinogenicity Reproductive Not classified as a reproductive toxin.

STOT - single Over exposure may result in respiratory irritation and central nervous system (CNS) effects including headache, drowsiness and dizziness. exposure

STOT - repeated

exposure

Not classified as causing organ damage from repeated exposure.

**Aspiration** Not classified as causing aspiration.

# 12. ECOLOGICAL INFORMATION

## 12.1 Toxicity

No known significant effects or critical hazards.

## 12.2 Persistence and degradability

No information provided.

## 12.3 Bioaccumulative potential

No information provided.

## 12.4 Mobility in soil

No information provided.

## 12.5 Other adverse effects

No information provided.

# 13. DISPOSAL CONSIDERATIONS

# 13.1 Waste treatment methods

Collect and place in sealed containers, and dispose of to an approved waste disposal site. Waste disposal

Legislation Dispose of in accordance with relevant local legislation.

# 14. TRANSPORT INFORMATION

## NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

|                              | LAND TRANSPORT (ADG) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|------------------------------|----------------------|----------------------------|-----------------------------|
| 14.1 UN Number               | None allocated.      | None allocated.            | None allocated.             |
| 14.2 Proper<br>Shipping Name | None allocated.      | None allocated.            | None allocated.             |
| 14.3 Transport hazard class  | None allocated.      | None allocated.            | None allocated.             |
| 14.4 Packing Group           | None allocated.      | None allocated.            | None allocated.             |

# 14.5 Environmental hazards

No information provided.

ChemAlert.

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## 14.6 Special precautions for user

Hazchem code

None allocated

Other information

Exemption: UN Special Provision 216 (Mixtures of solids which are not subject to this Code and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to this Code provided there is no free liquid in the packet or article).

## 15. REGULATORY INFORMATION

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

Poison schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the

Uniform Scheduling of Medicines and Poisons (SUSMP).

Classifications Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and

Labelling of Chemicals (GHS Revision 7).

Inventory listings AUSTRALIA: AllC (Australian Inventory of Industrial Chemicals)

All components are listed on AIIC, or are exempt.

## 16. OTHER INFORMATION

#### **Additional information**

WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

## PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

## **HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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Abbreviations ACGIH American Conference of Governmental Industrial Hygienists

CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS Central Nervous System

EC No. EC No - European Community Number

EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous

Goods)

GHS Globally Harmonized System

GTEPG Group Text Emergency Procedure Guide
IARC International Agency for Research on Cancer

LC50 Lethal Concentration, 50% / Median Lethal Concentration

LD50 Lethal Dose, 50% / Median Lethal Dose

mg/m³ Milligrams per Cubic Metre
OEL Occupational Exposure Limit

pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly

alkaline).

ppm Parts Per Million

STEL Short-Term Exposure Limit

STOT-RE Specific target organ toxicity (repeated exposure)
STOT-SE Specific target organ toxicity (single exposure)

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

SWA Safe Work Australia
TLV Threshold Limit Value
TWA Time Weighted Average

## Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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