

# MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of NOHSC

Product Name: VUPLEX

## **STATEMENT OF HAZARDOUS NATURE**

Hazardous according to criteria of Worksafe Australia.

## **COMPANY DETAILS**

Company: R & D Enterprises  
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A.B.N.  
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## **IDENTIFICATION**

Product Name: VUPLEX Aerosol  
Pack Size: 200g & 375g Aerosol Can  
Other Names: Not Relevant  
Manufacturer's Product Code: Not Relevant  
UN Number: 1950  
Dangerous Goods Class: 9 (Aerosol)  
Subsidiary Risk (Flammability): 2.1  
Hazchem Code: 2Y  
Poisons Schedule Number: S5  
Packaging Group: II  
Use: Cleaner and Polish

## **Physical Description/Properties**

Appearance: Clear yellow liquid solvent above cream opaque water based liquid with a citrus odour.  
Form: Two phase liquid.  
Stability: Separates into a two phase liquid.  
Hazardous Polymerization: Will not occur.  
Materials to Avoid: Strong oxidizing agents  
Boiling Point: 88°C (Recombined Liquid)  
Vapour Pressure: 23 mm Hg at 20°C (Liquid)  
Specific Gravity: 0.91 (Liquid)  
Flashpoint: < -12°C (TCC – Liquid)  
Flammability Limits: Lower LEL 1%, Upper LEL 7.5%  
Solubility in Water: Negligible (Organic phase)  
Evaporation Rate: 8.40 (Butyl Acetate = 1)  
Auto Ignition Temperature: >230°C (Liquid)

**Other Properties:** Not relevant

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## Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportions</u>
Solvent Naphtha, petroleum, light aliphatic	64742-89-8	10 – 30%
D-Limonene	5989-27-5	0 – 10%
Trade Secret Wax	Not classified	0 – 10%
LPG	68476-85-7	0 – 20%
Water to 100%		

## HEALTH HAZARD INFORMATION

### Health Effects:

#### Acute:

**Swallowed:** Harmful if swallowed. Tends to break into foam if the patient vomits. Aspiration into lungs may lead to chemical pneumonitis. Symptoms may include headache, dizziness, fatigue and nausea.

**Eye:** Mildly irritating to the eyes.

**Skin:** Mildly irritating to the skin. Prolonged contact may cause defatting of the skin.

**Inhaled:** Harmful by inhalation. Inhalation may cause irritation to the respiratory system. May cause dizziness and nausea. Prolonged exposure to vapours may cause somnolence and narcosis.

**Chronic:** ***WARNING: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.***

Repeated inhalation or dermal exposure may cause sensitization dermatitis, respiratory sensitisation, and gastrointestinal distress in exposed individuals.

### First Aid:

**Swallowed:** If swallowed do NOT induce vomiting, give glass of water and seek medical advice immediately. **Poisons Information Centre Phone 131126.**

**Eye:** Hold eye open and flood with water for at least 15 minutes. Seek medical advice if pain persists.

**Skin:** Wash affected area with soap and water. Wash contaminated clothing with water and then remove, launder before reuse.

**Inhaled:** Remove person to fresh air away from contaminated area and seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

**First Aid Facilities:** Eye wash station, safety shower and normal washroom facilities.

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**Advice to Doctor:** *Treat symptomatically. Extreme care must be taken to prevent aspiration. Gastric lavage with a cuffed endotracheal tube to prevent further aspiration should be done. In the absence of depression or convulsions, or impaired gag-reflex, ipecac emesis can be done without increasing the hazard of aspiration. When vomiting occurs, hold patient with head below the hips to prevent pulmonary aspiration.*

## **PRECAUTIONS FOR USE**

### **Exposure Standards:**

Aliphatic Petroleum Distillates	300 ppm	ACGIH TLV
Propane (Limits in air)	1000 ppm	OSHA PEL
Isobutane	800 ppm	ACGIH TLV

No Worksafe Exposure Standard established for this product.

### **Engineering Controls:**

Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapour or mists are generated, particularly in enclosed areas and natural ventilation is inadequate, a flameproof ventilation system is required.

Refer AS 1940 The Storage and Handling of Flammable and Combustible Liquids. and AS 2430 Explosive Gas Atmospheres, for further information concerning ventilation requirements. Nearby equipment must be earthed.

### **Personal Protection:**

#### ***USE ONLY IN A WELL VENTILATED AREA.***

Avoid breathing spray, mist or vapour. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and safety glasses. (Gloves: Neoprene or nitrile rubber recommended.)

If inhalation risk exists wear organic vapour respirator meeting the requirements of AS 1716.

### **Flammability:**

#### **Fire Hazards:**

**Extremely Flammable.** Do not spray on a naked flame or any incandescent material. Keep away from heat, flame, sparks and sources of ignition. No smoking. Do not pierce or burn even when empty.

Take precautions against static discharge, particularly where a build up of vapours occurs to form an explosive mixture. Vapours are heavier than air and may travel to an ignition source. Ensure ventilation is adequate to prevent build up of explosive atmosphere. Refer to AS 1940 – Storage and Handling of Flammable and Combustible Liquids. and AS 2865 – Safe Working in a Confined Space. for more specific information on these subjects.

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## **SAFE HANDLING INFORMATION**

### **Storage and Transport:**

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Store in a well ventilated place, out of direct sunlight, away from heat, ignition sources, oxidizing agents, foodstuffs and clothing. Take precautions against static electricity discharges.

Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 9 Aerosols. Store only in original container properly labelled. Do not store in low or enclosed area where vapours may become trapped. Prevent the build up of flammable vapours.

Incompatible in a placard load with any of the following except where exemptions from segregation have been approved and documented:

Class 1 Explosive

Class 5 Oxidizing Agents & Organic Peroxides

### **Storage Regulations:**

This material is a SCHEDULED (S5) POISON and must be stored, handled and used according to the Appropriate Regulations.

Shipping Name: AEROSOLS.

### **Spills and Disposal:**

Wear appropriate personal protective equipment. Extinguish or remove all sources of ignition and stop leak if safe to do so. Contain spill with sand or earth and take up absorbent material such as sand earth or sawdust. Keep away from heat, naked flame and sparks. Place used absorbent in suitable sealed, labelled container and follow state or local authority regulations and guidelines for disposal of the waste. Do not allow to enter drains, sewers or water courses. Dispose of in accordance with local state and federal EPA waste regulations. Normally suitable for incineration at an approved facility. Dispose of can by putting in garbage or leaving it at an appropriate metal recycling collection point.

### **Fire / Explosive Hazard:**

#### **Extremely Flammable.**

EXTINGUISHING MEDIA: Use water fog or fine water spray to cool fire exposed surfaces and cool uninvolved containers to avoid bursting. Use foam, Carbon Dioxide or dry powder to fight fire. Vapour/air mix may ignite explosively and flashback along the vapour trail may occur.

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## **Hazardous Combustion products:**

Combustion products include oxides of carbon.

## **Fire Fighting Procedure:**

Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, or where products of combustion are suspected. Full protective clothing should also be worn.

## **OTHER INFORMATION**

### **TOXICOLOGY:**

Long term animal experiments have shown that any health risks associated with the level of aromatic and polycyclic constituents were removed during the ingredient manufacturing process to a level at which no health risks are expected as a result of normal handling and use of this product.

## **Environmental Protection:**

This material must not be allowed to enter drains, sewers or waterways, for further information refer to the SPILLS AND DISPOSAL section of this MSDS.

## **Risk Statement:**

R20 Harmful by inhalation. R65 Harmful: may cause lung damage if swallowed.

## **Safety Statement:**

***KEEP OUT OF THE REACH OF CHILDREN.***

S9 Keep container in well ventilated place. S16 Keep away from sources of ignition – No Smoking. S29 Do not empty into drains. S51 Use only in well ventilated areas. S62 If swallowed, do NOT induce vomiting, seek medical advice immediately and show this container or label. S24/25 Avoid contact with skin and eyes. R12 Extremely Flammable. S33 Take precautionary measures against static discharge.

## **Hazard Category:**

Harmful, Extremely Flammable.