

# SAFETY DATA SHEET

**Product Name: VINIDEX WELDING WIPES**



**Revision Date: 24.02.2017**

## 1. IDENTIFICATION OF THE PREPARATION

Product Name	VINIDEX WELDING WIPES
Classification	70% isopropanol alcohol in water absorbed on non-woven wipes
Company Identification details	RLA Polymers Pty Ltd 215 Colchester Road, Kilsyth VIC 3137 AUSTRALIA Ph: 1800 242 931 Fax: 1800 627943
Emergency Telephone	1800 242 931
Last modified	23.02.2017



## 2. HAZARDS IDENTIFICATION

### 2.1 Hazard Classification

Flammable Liquid	Category 2
Serious Eye Damages/Irritation:	Category 2A
Specific Target Organ Toxicity	Category 3
GHS Label Elements	
Signal Word	Warning
Symbols	Flame   Exclamation mark
Pictograms	  GHS02    GHS07
Hazard Statements	Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary Statements	
Prevention	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye/face protection. Wash thoroughly after handling.

Response	<p>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a doctor/physician if you feel unwell.</p> <p>In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.</p>
Storage	<p>Store in a well-ventilated place. Keep container tightly closed.</p> <p>Keep cool.</p> <p>Store locked up.</p>
Hazards not otherwise classified	May cause thermal burns.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS:7732-18-5 RTECS: ZC 0110000	Water, Distilled, conductivity or of similar purity
Chemical characterization	Mixture, Mixture of substances listed below with non-hazardous additions
Dangerous Components	
Ingredient	ISOPROPYL ALCOHOL
WW %	70%
CAS No.: GHS Classification:	<p>67-63-0</p> <p> Flam,Liq.2, H225;  Eye Irrit.2, H319; STOT SE3, H336</p>
EINECS:	200-661-7 [F] R11 [Xi] R36 [-] R67
PEL,OSHA(mg/M <sup>3</sup> )	260
TLV,ACGIH(mg/M <sup>3</sup> )	400

### 4. FIRST AID MEASURES

Skin	Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.
Eyes	Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention
Inhalation	Not a likely route of exposure due to the physical nature of the product. However, in case of dizziness exit to fresh air.
Ingestion	Ingestion is not considered a potential route of exposure in any case DO NOT induce vomiting. Rinse mouth well with water and offer some milk.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon
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	dioxide to extinguish
Extinguishing media which shall not be used for safety reasons	Not known.
Special exposure hazard arising from the preparation – Combustion products, resulting gases	Closed containers exposed to heat from fire may build pressure and explode.
Special protective equipment for fire-fighters	Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.
Environmental precautions	Avoid release to the environment.
Methods for cleaning up	Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

## 7. HANDLING & STORAGE

Precautions for safe handling	Avoid skin contact with hot material. Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Use only non-sparking tools, Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents(eg. Chlorine, chromic acid etc.) Wear low static or properly grounded shoes. To minize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapour accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.
Conditions for safe storage including any incompatibilities	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from acids. Store away from

	oxidizing agents.
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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

### Control Parameters

Occupational exposure limits	ISOPROPYL ALCOHOL 67-63-0 ACGIH TWA:200 ppm; STEL:400 ppm A4: Not class. as human carcin OSHA TWA:980 mg/m <sup>3</sup> (400 ppm)
	ACGIH : American Conference of Governmental Industrial Hygienists AIHA : American Industrial Hygiene Association CMRG : Chemical Manufacturer's Recommended Guidelines OSHA : United States Department of Labor - Occupational Safety and Health Administration TWA: Time-Weighted-Average STEL: Short Term Exposure Limit CEIL: Ceiling

### Exposure controls

Engineering controls	Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.
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### Personal protective equipment (PPE)

Eye protection	Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Indirect Vented Goggles
Skin protection	Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Nitrile Rubber
Respiratory protection	An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

## 9. PHYSICAL & CHEMICAL PROPERTIES (of the liquid absorbed on the wipes)

### Information on basic physical and chemical properties

General Physical Form	Liquid
Specific Physical Form	Saturated wipe
Odor, Color, Grade	Alcohol Odor

Melting Point	Not available
Boiling Point	82 °C (Based on liquid portion only)
Flash Point	24 °C
Ignition temperature	339°C
pH	Not available
Evaporation rate	No Data Available
Special Gravity	0.79 g/ml (Based on liquid portion only)
Explosion limits:	Lower: 2.0 Vol % Upper: 12.7 Vol%
Vapor Pressure	33 mmHg at 20°C
Solubility in Water	Miscible
Solvent content	Organic Solvent 70.0% Water: 30.0% VOC content: 70.0%

## 10. STABILITY

Conditions to avoid	Extreme temperatures. Protect from sunlight
Materials to avoid	No information available.
Hazardous decomposition products	No information available.

## 11. TOXICOLOGICAL INFORMATION

Possible health effects:	
Skin	During heating: Thermal Burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction. Contact with the skin during product use is not expected to result in significant irritation. Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.
Eyes	During heating: Thermal Burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction. Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.
Inhalation	Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Target Organ Effects:	Single exposure may cause: Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.
Toxicological Data	If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity	ISOPROPYL ALCOHOL Route: Dermal Species: Rabbit Value LD50 12,870 mg/kg ISOPROPYL ALCOHOL Route: Inhalation-Vapor(4hours) Species: Rat Value: LC50 72.6mg/l ISOPROPYL ALCOHOL Route: Ingestion, Species: Rat, Value: LD 50 4,710 mg/kg
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## 12. ECOLOGICAL INFORMATION

Ecotoxicological information	Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.
Chemical fate information	None Reported.
Water	None Reported.
Terrestrial Environment	The used wipe should be disposed of according to local regulations.
Persistence and degradation	No information is available;
Bio-accumulative potential (Kow) (BCF)	Not determined.
Results of PBT assessment	Not determined.
Other Adverse Effects	Not determined.

## 13.DISPOSAL CONSIDERATIONS

Product disposal	Dispose of contents/ container in accordance with the local/regional/national/international regulations.
Package disposal	Packaging should be disposed of in accordance with regional and / or national regulations. Empty package does not pose any special hazard.

## 14. TRANSPORT INFORMATION

UN-Number	DOT.ADR.IMDG,IATA : UN1987
UN proper shipping name	DOT Alcohols, n.o.s (Isopropanol) ADR UN 1987 Alcohol , n.o.s (Isopropanol) ALCOHOLS, N.O.S (ISOPROPANOL (ISOPROPYL ALCOHOL))
Transport Hazard class(es)	<div>  DOT Class: 3 Flammable liquids, Label: 3 </div> <div>  ADR Class: 3 (F1) Flammable liquids, Label: 3 </div> <div>  IMDG,IATA Class 3 Flammable liquids, Label: 3 </div>
Packing group	DOT.ADR.IMDG,IATA III
Environmental hazards:	Not applicable
Transportation/Additional information	
DOT Quantity limitations Remarks:	On passenger aircraft/rail: 60L On cargo aircraft only: 220L

	Limited Quantities – Ground, Consumer Commodity
ADR Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml
IMDG Limited quantity (LQ) Excepted quantities (EQ)	5L Code:E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml
UN “Model Regulation”	UN1987,Alcohols, n.o.s(Isoporpanol),3,III

## 15. REGULATORY INFORMATION -

Code letter and hazardous symbol	Label for supply highly Flammable	
Risk Phrases:	R11: Highly Flammable	
	R36: Irritating to eyes	
	R67: Vapours may cause drowsiness and dizziness	
Safety Phrases:	<b>S 25</b>	Avoid contact with eyes
	<b>S 26</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Special labelling of certain preparations	Please follow instructions of use	
National regulation	Not defined	
Water hazard class	Not hazard in water	

## 16. OTHER INFORMATION

### Relevant S-phrases

S25 Avoid contact with eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### Relevant R-phrases

R11: Highly Flammable

R36: Irritating to eyes

R67: Vapours may cause drowsiness and dizziness

### Training Advice:

Read accompanying information and use only in accordance with manufacturer's instructions.

Recommended restrictions on uses:

Hand Cleansing Wipe, for external use only.

Further information:

Data compared to previous version altered:

First version.

### Notes:

This information only concerns the above-mentioned product and does not need to be valid if used with other product(s) or in any process outside of that specifically referred to in the manufacturer's

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instructions. It does not represent a guarantee of the properties of the product. The information given is to the best of our present knowledge, correct and complete and is given in good faith but without warranty.

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