

Product **DZolve**

Product Code **DZLV100**

Last Revision October 2013

Version 2

FIRST AID	
INGESTION:	<ul style="list-style-type: none"> • Do not induce vomiting because of risk of aspiration into the lungs. Do not give anything by mouth to an unconscious person seek urgent immediate medical attention. • For minor ingestion rinse mouth and give water to drink. Watch for toxic symptoms. • Open eye lids to irrigate the eye with copious amounts of water for 15 minutes. If eyes continue to be affected seek immediate medical attention. • Remove contaminated clothing immediately. Wash affected areas with soap and water. If irritation occurs seek medical attention. • If inhaled, immediately remove person to fresh air until fully recovered. If person is not breathing, open airway and administer CPR (artificial respiration). Administer oxygen if breathing is difficult. Seek urgent medical attention.
EYE:	
SKIN:	
INHALED:	

EXPOSURE CONTROLS/PERSONAL PROTECTION	
<p>In accordance with the criteria of NOHSC this Product is classified as hazardous.</p>	
Personal Protection	<ul style="list-style-type: none"> • Use gloves and safety glasses when handling the product. • Use product in well ventilated area – the use of masks is not normally needed. If used in confined areas and there is a risk of inhalation, wear approved respiratory protection. • Respirators should comply with AS 1716 and be used in accordance with AS 1715.
Engineering Controls	<ul style="list-style-type: none"> • Follow procedures to avoid static discharges. Use non-spark tools and flameproof equipment. • The Product contains flammable solvents, therefore when using the product in a confined area it is recommended that the above exposure limits be observed. • Provide ventilation to control exposure level below airborne exposure limits. Avoid skin and eye contact and avoid breathing vapours. It is recommended to wear, safety glasses and solvent resistant gloves when handling the product. Always wash hands before eating and drinking.

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ACCIDENTAL RELEASE MEASURES

- Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Wipe up small spills with paper toweling and dispose to bin. Disposal of waste must be in accordance with the Local Waste Disposal Authority.
- Prevent runoff to drains leading to waterways. Wash contaminated area liberally with detergent and water.
- For large spills or leaks in confined areas explosive conditions may occur, restrict persons not wearing protective equipment from the area of spill or leak until cleanup is complete.
- Ventilate the area of spill or leak.
- Water spray may be used to disperse vapours.
- Absorb liquids in vermiculite, dry sand, earth or inert material and deposit in an appropriate waste disposal container.
- For large spills or leaks it may be necessary to dispose of the product as a Hazardous waste. Contact your local EPA or authority for specific recommendations.

HANDLING & STORAGE

- Product to be handled only by qualified staff in dental offices/laboratories.
- See product instructions for safe use
- Store in a cool well ventilated place out of direct sunlight.
- Store away from strong oxidizing agents and acids.
- Store below 25°C keep away from sources of heat; do not drop.
- Keep away from sources of static electricity.
- Protect containers from physical damage, keep containers closed when not in use, check regularly for leaks.
- Avoid contact with skins and eyes.
- Avoid breathing vapours
- Do not store together with food.
- Comply with the current issue of the Australian Code for the Transportation of Dangerous Goods by Road and Rail and with relevant Dangerous Goods Legislation in each State or Territory.

Risk Phrases

R11: Highly Flammable

R26: Harmful by inhalation

R36: Irritating to eyes

R37: Irritating to respiratory system

R38: Irritating to skin

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Safety Phrases

S2: Keep out of reach of children
 S9: Keep container in well ventilated place
 S16: Keep away from sources of ignition – no smoking
 S23: Do not breath gas/fumes/vapour/spray
 S24/25: Avoid contact with skin and eyes
 S29: Do not empty into drains
 S38: In case of insufficient ventilation use suitable respiratory equipment
 S62: If swallowed, do not induce vomiting; seek medical attention immediately and show the container or label.

STABILITY & REACTIVITY

REACTIVITY

Stable at normal temperatures and pressure.

CONDITIONS TO AVOID:

Avoid sources of heat and ignition.
 Avoid contact with incompatible materials.

INCOMPATIBLES:

Reacts with strong oxidizing agents, acids, acid anhydrides, halogens, aluminium

TOXICOLOGICAL INFORMATION

SYMPTOMS: No adverse health effects are expected if this product is handled in accordance with this Material Safety Data Sheet and the Product label/instructions.

If the product is spilled or mishandled, symptoms noted in section "Acute Effect" may occur:

Long Term Effects:

No specific data is available for this product however the following information on the hazardous ingredients are presented:

Long-term occupational skin exposure to the solvent components has reportedly caused dermatitis and cracking of the skin due to defatting of the skin.

Long term exposure to the product should be approached with precaution as no long term data is available. However many solvents and other petroleum based chemicals have been shown to cause damage. Effects may include reduced memory, personality changes, fatigue, sleep disturbance, weakness such as pins and needles in arms and legs.

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ECOLOGICAL INFORMATION

- Spillages from the small packaging of this product are unlikely to penetrate soils. The solvents used in this product are volatile and will partition to the atmosphere.
- Unlikely to cause long term adverse effects in the environment. This material is not expected to bioaccumulate.
- As the solvent component is likely to vaporize quickly it is unlikely to reach waterways to cause long-term effect to the aquatic environment. No specific toxicity data to aquatic organisms is available for this product.
- The ingredients are completely biodegradable.
- No long-term persistent effects are expected. Due to the small package size spillages are unlikely to be a nuisance to the environment.

DISPOSAL CONSIDERATIONS

Dispose containers thoughtfully to landfill.

TRANSPORT INFORMATION

Classified as a highly flammable liquid gas for transport (ADG, UN, IATA)

UN NUMBER	1993
CLASS	3
SUBSIDIARY RISK:	Nil
HAZCHEM CODE:	3[Y]E
Packaging Group	II or III

