

Safety Data Sheet

according to WHS Regulations

Printing date 17.03.2017

Revision: 17.03.2017

1 Identification

Product Name: DVISION

Other Means of Identification: Mixture
Part Number: DVSN1, DVSN5, DVSN20

Recommended Use of the Chemical and Restriction on Use: Denture separating solution

Details of Manufacturer or Importer:

Australian Dental Manufacturing
 25 Billabong Street
 Kenmore Hills QLD 4069

Phone Number: 07 3878 1901

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
 Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



health hazard

Toxic To Reproduction 1B H360FD May damage fertility. May damage the unborn child.

Signal Word Danger

Hazard Statements

H360FD May damage fertility. May damage the unborn child.

Precautionary Statements

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

1330-43-4	Sodium borate		Toxic To Reproduction 1B, H360FD	<10%
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4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

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Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek medical attention if you feel unwell.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical: No further relevant information available.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear full protective clothing. Evacuate all non-essential personnel from affected area. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Product to be handled only by qualified staff in dental offices/laboratories.

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container tightly closed. Store at temperatures below 30 °C. Protect containers from physical damage. Check regularly for leaks.

8 Exposure controls and personal protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

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Skin Protection:

Skin protection is not required under normal use conditions.

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. Chemicals, paint manufacturing, lab work, spray painting, chemical mixing, orchard spraying, degreasing, acid/solvent handling, petrol industry, pharmaceutical, food.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Abrasion - Brick/block handling, steel fabrication, construction, demolition, manufacturing, quarry work.

When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

Leather/pigskin or aramid blend gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Flame - Furnace work, handling hot objects, forging.

Leather/pigskin, aramid blend, terrycord or cotton blend gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Radiant heat - Welding, galvanizing, casting, smelting, riveting, foundries, steel production.

Leather/pigskin, aramid blend, neoprene, loopile or cotton blend gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Cut/clice - Guillotining metal, sheet metal, sheet glass, salvage work, scrap metal, food processing, canning, boning.

Nitrile rubber, neoprene rubber, vinyl or PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Biological e.g. microbiological, enzymes - Rescue work, hospital waste disposal, laboratory work, laundry applications.

Leather, wool or aramid blend gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Cold - Cryogenic work; outdoor winter; cold rooms.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:**Form:**

Liquid

Colour:

No information available

Odour:

Odourless

Odour Threshold:

Not applicable

pH-Value:

No information available

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Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	110 °C
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Negligible at normal ambient temperatures.
Relative Density at 20 °C:	1.1
Vapour Density:	No information available
Solubility in Water:	Miscible in all proportions

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: None

Incompatible Materials: None

Hazardous Decomposition Products: No hazardous decomposition products known.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification: No information available

Acute Health Effects

Inhalation: No adverse health effects expected.

Skin: No adverse health effects expected.

Eye: No adverse health effects expected.

Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity:

May damage fertility or the unborn child.

Sodium borate is classified by Safe Work Australia as Toxic to Reproduction Category 2.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

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Existing Conditions Aggravated by Exposure: No information available

12 Ecological Information

Ecotoxicity: No adverse ecological effects are expected.**Aquatic toxicity:** This product has no known eco-toxicological effects.**Persistence and Degradability:** Not easily biodegradable**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** No information available**Other adverse effects:** No information available

13 Disposal considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory information

Australian Inventory of Chemical Substances:

1330-43-4	Sodium borate
56-81-5	1,2,3-Propanetriol
9005-38-3	Alginic acid, sodium salt

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not a scheduled poison.

16 Other information

Date of Preparation or Last Revision: 17.03.2017**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Toxic To Reproduction 1B: Reproductive toxicity – Category 1B

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Australian Dental Manufacturing makes no representation of the accuracy or

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