



# Fortron Quick Break Degreaser

## Material Safety Data Sheet

HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA (formerly ASCC and NOHSC)

### Section 1 Identification of the Preparation and the Company

#### Identification of the preparation

Product name: Fortron Quick Break Degreaser  
Other Names QB Degreaser  
Product code: FIDQB20 – 20 Litre  
FIDQB200 – 200 Litre  
Intended use: Degreasing of components – Quick Break action.

#### Identification of the Company

Manufacturer Fortron Automotive Treatments Pty Ltd  
14-18 Sangiorgio Court  
Osborne Park  
Perth WA 6017  
Address  
Country Australia  
Telephone +618 9202 7800 (Monday – Friday 8:30 am – 5:00 pm)  
Facsimile +618 9202 7851  
Web site www.fortron.com.au  
Australian emergency phone number Poisons Information Centre. Phone (eg Australia 13 1126; New Zealand 0800 764 766).

### Section 2 Hazard Identification

HAZARDOUS SUBSTANCE The product is classified as hazardous according to the criteria of Safe Work Australia (formerly the Australian Safety and Compensation Council (ASCC), formerly NOHSC)

HAZARD CATEGORY Irritant (Xn)

RISK PHRASES **R22** Harmful if swallowed  
**R38** Irritating to skin  
**R65** Harmful: May cause lung damage if swallowed  
**R66** Repeated exposure may cause skin dryness or cracking

SAFETY PHRASES **S2** Keep out of the reach of children  
**S20** When using, do not eat or drink  
**S23** Do not breathe vapour  
**S24/25** Avoid contact with skin and eyes  
**S36/37/39** Wear suitable protective clothing, gloves and eye/face protection  
**S51** Use only in well ventilated areas  
**S62** If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label

### Section 3 Composition/Information on Ingredients

Appearance: Colourless to pale yellow liquid with mild hydrocarbon odour.

Chemical Entity	CAS Number	Proportion
Petroleum Distillates	64741-44-2	>60%

Other ingredients determined to be non hazardous.  
All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).



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### Section 4 First-aid Measures

**First Aid:**

Safety deluge showers should be provided where this product is being used. If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 11 26 from anywhere in Australia. If possible have this MSDS or product label with you.

**Swallowed:** If swallowed, do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.

**Eyes:** If product gets in eyes, wash eyes to remove material. No further measures should normally be required.

**Skin:** If product gets on skin, immediately remove contaminated clothing and wash skin with soap and water for at least 15 minutes. If irritation persists, seek medical attention.

**Inhalation:** No first aid measures normally required. However, if vapours or mists have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Advice to Doctor:** Product can be aspirated on swallowing or following regurgitation of stomach contents, and can cause severe and potentially fatal chemical pneumonitis, which will require urgent treatment. Because of the risk of aspiration, induction of vomiting and gastric lavage should be avoided. Gastric lavage should be undertaken only after endotracheal intubation. Monitor for cardiac dysrhythmias. Note: High Pressure Application Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and the underlying tissue is necessary to minimise tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

### Section 5 Fire-fighting Measures

There is a slight risk of an explosion from this product if it is involved in a fire.

**Flashpoint:** >61 °C

**Flammability limits:** For major component, Upper Value: 5.0%: Lower Value: 0.7%

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, water fog. DO NOT use water jets.

**Special Fire Fighting procedures:** If a significant quantity of this product is involved in a fire, call the fire brigade. Immediately evacuate the area of unnecessary personnel. When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat and preferably goggles.

**Unusual Fire & Explosion Hazards:** Light hydrocarbon vapours can build up in the headspace of tanks. These can cause flammability/explosion hazards, even at temperatures below the normal flash point. Tank headspaces should always be regarded as potentially flammable and care should be taken to avoid static electricity discharge and all ignition sources during filling, ullaging and sampling from storage tanks. Hoses should be electrically continuous. Ensure equipment used is properly earthed or bonded to the tank structure. Will present a flammability hazard if heated above the flash point but bulk liquids at normal storage temperatures present a low fire hazard. If fuel contacts hot surfaces, or leaks from high pressure fuel pipes, the vapour and/or mists generated will create a flammability or explosion hazard. Empty containers represent a fire hazard as they may contain remaining flammable residues and vapour. Do not weld, heat or drill the container. Do not introduce an ignition source. Heating may cause an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.



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### Section 6 Accidental Release Measures

Any spillage should be regarded as a potential fire risk. Isolate the spillage from all ignition sources including road traffic. Ensure good ventilation. Evacuate all non-essential personnel from the immediate area. Wear protective equipment. (See Exposure Controls/Personal Protection, above for details) Contain and recover liquid using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Spilled material may make surfaces slippery. Clean up spilled material immediately. Recovery of large spillages should be effected by specialist personnel. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. Large and uncontained spillages should be smothered in foam to reduce the risk of ignition. Vapour is heavier than air and may travel to remote sources of ignition (e.g. along drainage systems, in basements, etc). If spillage has occurred in a confined space, ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. In case of spillage at sea, approved dispersants may be used where authorized by the appropriate regulatory authority. In the event of spillages, contact the appropriate authorities. Regular surveillance on the location of the spillage should be maintained. This product may heat to combustion if absorbed onto rags or certain porous materials. Any cleanup product of that type should only be used if recommended for this type of product by its supplier. Any used material should be stored in a safe area and disposed of promptly.

### Section 7 Handling and Storage

**Storage & Transport:** No special storage and transport requirements. This product has no UN classification. This product is a S5 Poison. Observe all relevant regulations regarding sale, transport and storage of this class of product. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

**Note:** This product combustible and therefore meets the definition of Dangerous Goods in some states. We suggest you consult your state's Dangerous Goods laws in order to clarify your obligations regarding the storage of this product.

**Handling:** Always wash hands after handling prior to eating, drinking, smoking or going to the toilet.

### Section 8 Exposure Controls / Personal Protection

#### Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established.

#### Engineering Controls:

In industrial situations, concentrations values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dust or vapours are high, you are advised to modify the process or environment to reduce the problem.

#### Personal Protection

**Respiratory Protection:** It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

**Protective Gloves:** Impermeable protective gloves should be worn when you are using this product. Failure to do so will lead to irritation of the skin. For help in selecting suitable equipment, consult AS 2161.

**Eye Protection:** Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.



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### Section 8 Exposure Controls / Personal Protection (Cont...)

**Clothing:** Clean impermeable overalls or protective clothing should be worn when handling this product; preferably with an apron. If contaminated, laundry should be advised of the nature of the contamination, or, preferably, clothing should be destroyed. Consult AS2919 for advice on Industrial Clothing.

**Safety Boots:** Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

### Section 9 Physical and Chemical Properties

Form / Colour / Odour:	Colourless to pale yellow liquid with mild hydrocarbon odour.
Melting/softening point:	No specific data. Liquid at normal temperatures.
Boiling point and vapour pressures:	150-280°C at 100kPa
Volatile materials:	No specific data. Expected to be low at 100°C.
Flashpoint:	>61°C
Specific gravity:	0.82 at 15°C
Solubility in water:	Emulsifies
Corrosiveness:	Not corrosive
Vapour Pressure:	<0.1 at 20°C
Viscosity:	<7mm <sup>2</sup> /s at 40°C

### Section 10 Stability and Reactivity

**Stability:** This product is unlikely to spontaneously decompose.

**Polymerisation:** This product is unlikely to spontaneously polymerise.

**Decomposition Products:** Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water.

**Materials to avoid:** Strong oxidizing agents.

### Section 11 Toxicological Information

**Main Symptoms:** No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

#### **Acute Effects**

**Swallowed:** Data suggests that this product is harmful if swallowed. Because of the low viscosity of this product, it may directly enter the lungs if swallowed, or if subsequently vomited. Once in the lungs, it is very difficult to remove and can cause severe injury or death.

**Eyes:** Data suggests that this product should present no significant problems.

**Skin:** This product is irritating to skin. It is likely to cause discomfort and effects such as moderate to severe itchiness, blistering and skin reddening.

**Inhalation:** Data suggests that this product should present no significant problems.

#### **Chronic Effects:**

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995), nor in NOHSC's "List of Designated Hazardous Substances" (April 1999).

**Toxicity Data:** No data available.



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## Section 12 Ecological Information

No data available.  
Avoid contaminating waterways.

## Section 13 Disposal Considerations

Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

## Section 14 Transport Information

Not classified as Non Dangerous Goods for the purpose of transport by road or rail. Refer to relevant regulations for storage and transport requirements.

## Section 15 Regulatory Information

Hazardous according to criteria of Worksafe Australia.

Hazard Category                      Irritant (Xn)

R-phrase(s)	<b>R22</b>	Harmful if swallowed
	<b>R38</b>	Irritating to skin
	<b>R65</b>	Harmful: May cause lung damage if swallowed
	<b>R66</b>	Repeated exposure may cause skin dryness or cracking

S-phrase(s)	<b>S2</b>	Keep out of the reach of children
	<b>S20</b>	When using, do not eat or drink
	<b>S23</b>	Do not breathe vapour
	<b>S24/25</b>	Avoid contact with skin and eyes
	<b>S36/37/39</b>	Wear suitable protective clothing, gloves and eye/face protection
	<b>S51</b>	Use only in well ventilated areas
	<b>S62</b>	If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label

Poisons Schedule (AUST) Toxic Substance (NZ): S5

## Section 16 Further Information

### REFERENCE:

1. M.S.D.S - Solvent 99L – IMCD – May 2009

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