



## Synforce RPM Racing Brake Fluid 320

### Section 1 - PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: RPM Racing Brake Fluid 320  
1.2 PRODUCT CODE: s9016

1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:  
RELEVANT IDENTIFIED USES: Brake Fluid  
RESTRICTIONS ON USE: None known

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:  
SUPPLIER NAME: Synforce (Aust) Pty Ltd (ABN: 14065629290)  
ADDRESS: 2 Ellengowan St, Urangan, Qld. Australia  
EMAIL: info@synforce.com.au  
TELEPHONE NUMBER: 07-41253531  
(Poisons information Centre (Aust 131 126; NZ 0800 764 766).

### Section 2 - HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture:  
HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Skin sensitizer	Category 1

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:  
SIGNAL WORD: **WARNING**  
PICTOGRAMS:



Signal Words    **Warning**

HAZARD STATEMENTS:  
Hazard statement(s)  
H303: May be harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.

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**Precautionary statement(s)**

Prevention:

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P312: Call a POISON CENTER/doctor if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P321: Specific treatment (see this label).

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P391: Collect spillage.

**Disposal:**

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification:

None identified

**Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS	CONC (%W/W)
2- (2- (2- Butoxyethoxy) ethoxy) ethanol	143- 22- 6	10- <30 %
Ingredients determined not to be hazardous		Balance

**Section 4 - FIRST AID MEASURES**

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

GENERAL INFORMATION:

INGESTION: Rinse mouth out with water. Do NOT induce vomiting. Seek medical help immediately. For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once. Bring the Safety Data Sheet with you.

EYE: PROMPT ACTION IS ESSENTIAL IN CASE OF CONTACT. If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. If only one eye affected be careful not to contaminate the other eye with runoff. Continue flushing for at least 15 minutes or until advised to stop by a doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. After flushing, if irritation develops or persists, seek medical assistance.

SKIN CONTACT: Immediately flush with plenty of water. If a large splash, flood body under a shower. Remove any contaminated clothing/footwear. Wash affected skin/hair thoroughly with plenty of water. If skin irritation develops or persists, consult a doctor.

INHALATION: If irritation develops or persists, consult a doctor.

PROTECTION FOR FIRST AIDERS: No special measures required, however, no personnel shall place themselves in a situation that is potentially hazardous to them.

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FIRST AID FACILITIES: Eye wash fountain and safety showers are recommended in the area where the product is used.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:  
ACUTE. See Section 11

CHRONIC: Skin contact may aggravate existing skin conditions such as dermatitis.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:  
ADVICE TO DOCTOR: Treat symptomatically.

## Section 5 - FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

- ‡ Extinguishing media
- ‡ Water spray or fog.
- ‡ Alcohol stable foam.
- ‡ Dry chemical powder.
- ‡ Carbon dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

5.3 ADVICE FOR FIRE FIGHTERS

FIRE:

- ‡ Alert Fire Brigade and tell them location and nature of hazard.
- ‡ Wear full body protective clothing with breathing apparatus.
- ‡ Prevent, by any means available, spillage from entering drains or water course.
- ‡ Use water delivered as a fine spray to control fire and cool adjacent area.

EXPLOSION:

- ‡ Combustible.
- ‡ Slight fire hazard when exposed to heat or flame.
- ‡ Heating may cause expansion or decomposition leading to violent rupture of containers.
- ‡ On combustion, may emit toxic fumes of carbon monoxide (CO).

,CARE: Water in contact with hot liquid may cause foaming and a steam explosion with wide scattering of hot oil and possible severe burns. Foaming may cause overflow of containers and may result in possible fire.

## Section 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures  
See section 8

Environmental precautions  
See section 12

Methods and material for containment and cleaning up  
Minor Spills

- ‡ Slippery when spilt.
- ‡ Remove all ignition sources.

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- ‖ Clean up all spills immediately.
- ‖ Avoid breathing vapours and contact with skin and eyes.
- ‖ Control personal contact with the substance, by using protective equipment.

### Major Spills

- ‖ Slippery when spilt.
- ‖ Moderate hazard.
- ‖ Clear area of personnel and move upwind.
- ‖ Alert Fire Brigade and tell them location and nature of hazard.
- ‖ Wear breathing apparatus plus protective gloves.
- ‖ Personal Protective Equipment advice is contained in Section 8 of the SDS.

## Section 7 - HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

#### SAFE HANDLING:

- ‖ Containers, even those that have been emptied, may contain explosive vapours.
- ‖ Do NOT cut, drill, grind, weld or perform similar operations on or near containers.
- ‖ Electrostatic discharge may be generated during pumping - this may result in fire.
- ‖ Ensure electrical continuity by bonding and grounding (earthing) all equipment.

Restrict line velocity during pumping in order to avoid generation of electrostatic discharge ( $\leq 1$  m/sec until fill pipe submerged to twice its diameter, then  $\leq 7$  m/sec).

- ‖ Avoid splash filling.
- ‖ Avoid all personal contact, including inhalation.
- ‖ Wear protective clothing when risk of exposure occurs.
- ‖ Use in a well-ventilated area.
- ‖ Prevent concentration in hollows and sumps.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

#### SAFE STORAGE:

- ‖ Metal can or plastic containers.
- ‖ Packaging as recommended by manufacturer.
- ‖ Check all containers are clearly labelled and free from leaks.

#### Storage incompatibility

CARE: Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire.

Avoid reaction with oxidising agents

## Section 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

### Control Parameters:

#### Occupational Exposure Limits

### Ingredient Data

Not Available

### Emergency Limits

Ingredient	Material Name	TEEL-1	TEEL-2	TEEL-3
Racing Brake Fluid	Not Available	Not Available	Not Available	Not Available
Liquid Intelligence 318				

Ingredient	Original IDLH	Revised IDLH
2- (2- Butoxyethoxy) ethoxy ethanol	Not Available	Not Available

Corrosion Inhibitors                      Not Available                      Not Available

Update: Feb 2021

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**Exposure controls**

Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

**Personal Protection**

Eye and face protection:

Safety glasses with side shields.

Chemical goggles.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.

**Skin Protection**

See Hand protection below

**Hands/Feet Protection**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Personal hygiene is a key element of effective hand care.

Wear chemical protective gloves, e.g. PVC.

Wear safety footwear or safety gumboots, e.g. Rubber

**Body Protection**

See Other protection below

**Other Protection**

Overalls.

P.V.C. apron.

Barrier cream.

**Thermal Hazards**

Not Available

**Respiratory Protection**

Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content. The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators are considered appropriate.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Amber coloured liquid  
ODOUR: Mild  
ODOUR THRESHOLD: No data available  
pH: 7.5  
MELTING/FREEZING POINT: No data available  
INITIAL BOILING POINT: No data available  
BOILING RANGE (°C): 318  
FLASH POINT (°C): Typically, 280°C DANGER  
OF EXPLOSION: Not determined EVAPORATION  
RATE: No data available FLAMMABILITY LIMITS  
(%): No data available VAPOUR PRESSURE  
(mmHg): No data available VAPOUR DENSITY:  
No data available  
DENSITY (g/mL @ 15 °C): Typically, 1.08  
SOLUBILITY IN WATER (g/L): No data available  
PARTITION COEFFICIENT: No data available  
AUTO-IGNITION TEMP (°C): No data available  
DECOMPOSITION TEMP (°C): No data available  
VISCOSITY (cSt @ 20 °C): 5mPa.s

## Section 10 - STABILITY AND REACTIVITY

10.1 REACTIVITY: The product does not pose any further reactivity hazards other than those listed in the following sub-sections  
10.2 CHEMICAL STABILITY: Stable under recommended storage and handling conditions (see section 7)  
10.3 POSSIBILITY OF HAZARDOUS REACTION: Keep away from strong oxidising agents.  
10.4 CONDITIONS TO AVOID: Observe the usual precautionary measures for handling chemicals. Do not heat the container or leave the container open when not in use.  
10.5 INCOMPATIBLE MATERIALS: Strong oxidising agents including strong acids.

## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

#### Inhaled

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

#### Ingestion

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.

#### Skin Contact

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

#### Eye

There is some evidence to suggest that this material can cause eye irritation and damage in some persons.

#### Chronic

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TOXICITY  
Not Available

IRRITATION  
Not Available

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity  
2. Value obtained from manufacturer's SDS.  
Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

Acute Toxicity	Data Not Available to Make Classification
Carcinogenicity	Data Not Available to Make Classification
Skin Irritation/Corrosion	Data Not Available to Make Classification
Reproductivity Serious Eye Damage/Irritation	Data Not Available to Make Classification
STOT - Single Exposure Respiratory or Skin sensitisation	Data Not Available to Make Classification
STOT - Repeated Exposure	Data Not Available to Make Classification
Mutagenicity	Data Not Available to Make Classification
Aspiration Hazard	Data Not Available to Make Classification

**Section 12 - ECOLOGICAL INFORMATION**

Toxicity	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE SOURCE
Synforce RPM Racing Brake Fluid	Not Available	Not Available	Not Available	Not Available

Legend:  
Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

**Persistence and Degradability**

Ingredient	Persistence: Water/Soil No Data available for all ingredients	Persistence: Air No Data available for all ingredients
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**Bioaccumulative Potential**

Ingredient	Bioaccumulation No Data available for all ingredients
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**Mobility in Soil**

Ingredient	Mobility No Data available for all ingredients
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**Section 13 - DISPOSAL CONSIDERATION**

13.1 DISPOSAL METHODS:

PRODUCT: The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. The product is also suitable for incineration at very high temperatures to prevent formation of undesirable combustion products. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations. Note: Waste product must be handled as a Combustible liquid.

CONTAINERS: Empty containers may contain residual product.

**Section 14 - TRANSPORT INFORMATION**

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

**Section 15 - REGULATORY INFORMATION**  
**INVENTORY STATUS**

Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)

All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt.

China (IECSC)

This product contains a substance or polymer that has been notified and is restricted to import by the notifier.

European Union (REACH)

To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.

Japan (ENCS)

All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL)

All components are in compliance in Korea.

New Zealand (NZIoC)

All components are in compliance with chemical notification requirements in New Zealand.

Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

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### Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

### United States (TSCA)

All substances contained in this product are listed on the TSCA inventory or are exempt.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Poison Schedule Number:

Poisons schedule number not allocated

## Section 16 - ANY OTHER RELEVANT INFORMATION

### 16.1 SDS INFORMATION:

16.2 Date of SDS Preparation: November 2017

16.3 REVISION CHANGES: Rev 2.0, reformulation

### 16.4 ACRONYMS:

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number	Chemical Abstract Service Registry Number
EINECS	European Inventory of Existing Commercial Chemical Substances
UN Number	United Nations Number
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
IUCLID	International Uniform Chemical Information Database
RTECS	Registry of Toxic Effects of Chemical Substances
% W/W	Percent weight for weight
OECD	Organisation for Economic Co-Operation and Development
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
HAZCHEM	Code Emergency action code of numbers and letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
AICS	Australian Inventory of Chemical Substances
TWA	Time – Weighted Average
STEL	Short term Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
WHS	Work Health and Safety
PPE	Personal Protective Equipment

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.