

**According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)**

Version: 1.1/EN

Prepared date:

18/05/2016

Product name: BlazeCut Foam AF

Revision date:

30/08/2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: BlazeCut Foam AF
REACH Reg. No.: NA
CAS No.: NA

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Firefighting agent.
Uses advised against: The product should not be used in ways other than those referred to in Section 1.

1.3 Details of the supplier of the SDS

Importer: BlazeCut Pty Ltd.
Address: 45 Evans St, Balmain NSW 2041 Australia
E-mail: technical@blazecut.com
Telephone: +61 2 8006 1300

1.4 Emergency telephone number

+61 403 006 070, +421 2 54774166

SECTION 2: Hazards identification

When in plastic container.

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[CLP]
The classification of the mixture according to Directive 1999/45/EC
The mixture is not classified as dangerous according to Directive 67/548/EEC

When in a pressured cylinder.

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[CLP]
The classification of the mixture according to Directive 1999/45/EC
The mixture is not classified as dangerous according to Directive 67/548/EEC
When placed in a pressure cylinder and charged it becomes H280: Contains gas under pressure

Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[DPD]

This product is not classified as hazardous.

Additional information

Full text of R-phrase(s)/H-statement(s): see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008[CLP] and only when in a pressurized cylinder.

Hazard pictogram(s):



Signal word:

Warning

Hazard statement(s): H280: Contains gas under pressure; may explode if heated.

Precautionary statement(s):

Storage: P410+P403: Protect from sunlight. Store in a well-ventilated place.

Supplemental Hazard information (EUH):

No information available.

Special rules for supplemental label elements for certain mixtures:

No information available.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substance/Preparation information

This product is pH neutral and contain no toxic components. This product is a proprietary blend. Physician information will be provided as needed.

Mixture contents these hazardous substances and substances with the highest permissible concentration in the working environment

none

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

In case there is a health problem or in case of doubt, inform the doctor and provide him with the information contained in this Safety data sheet.

Following inhalation:

Move to fresh air. Use proper respiratory protection based on the type of fire.

Following skin contact:

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Wash skin with soap and plenty of water for several minutes. Seek medical attention if irritation persists.

Following eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. If necessary, seek medical attention

Following ingestion:

If the person is conscious and can swallow, give two glasses of water to drink. Induce vomiting only upon the recommendation of the medical staff. Never give anything by mouth to an unconscious person or convulsing.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Vapours or mist from heating cause discomfort in nose and throat.

Skin contact Dryness of the skin. **Eye contact**

May cause redness, burning, and irritation.

Ingestion

May cause stomach discomfort, nausea, and diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

More information

The deterioration of the health status of exposure: There is no evidence that this product aggravates an existing medical condition.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: BlazeCut Foam AF is an extinguishing agent.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

None known for agent only

When it a charged cylinder Fire or intense heat may cause violent rupture of packages.

Container rupture possible if pressure and temperature relief valves should fail.

5.3 Advice for fire-fighters

None Known for agent only

When in a charged cylinder, Employ water spray from a safe distance to prevent container rupture.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Follow the instructions in Sections 7 and 8.

6.2 Environmental precautions

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Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3 Methods and material for containment and cleaning up

Spilled mixture should be covered with suitable (non-flammable) absorbing material (sand, kieselguhr, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the mixture, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the mixture, wash the contaminated site with plenty of water or another suitable cleaning material. Spill will result in slippery surface conditions.

6.4 Reference to other Section's

See SECTION 7 for information on safe handling.

See SECTION 8 for information on personal protection equipment.

See SECTION 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep a running water for rinsing eyes. Protect electrical cables from water and electrical fires.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Temperatures during use: -32 ° C.

7.3 Specific end use(s)

not available

SECTION 8 : Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

none

DNEL (Derived No Effect Level) for workers and the general population:

none

PNEC (Predicted No Effect Concentration) values:

none

8.2 Exposure controls

Appropriate engineering controls:

not available

Personal protective equipment:

Eye and face protection: Avoid contact with eyes. Wear chemical type goggles with face shield.

Skin protection: Exposed skin thoroughly several times with soap and water. Contaminated clothing should be laundered or dry-cleaned.

Respiratory protection: If necessary, use proper respiratory protection.

Environmental exposure controls:

Observe the usual precautions to protect the environment, see section 6.2.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Red liquid
Odor:	Mild pleasant
pH:	7.4-8.4.
Freezing point:	-23°F or -30.5°C
Boiling point:	212°F or 100°C
Flash point:	Not applicable.
Evaporation rate:	Same as water.
Flammability (solid, gas):	Not flammable
Upper/lower flammability or explosive limits:	Not available.
Vapor pressure:	Not available.
Density:	1,041 g/cm ³ or (water=1)1.041
Solubility(ies):	Not available
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Product is not self-igniting.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	No explosive properties.
Oxidizing properties:	Not available.

9.2 Other information

None available

SECTION 10: Stability and reactivity

10.1 Reactivity

not available

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

not available

10.4 Conditions to avoid

Strong oxidizing agents.

10.5 Incompatible materials

not available

10.6 Hazardous decomposition products

not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data, the classification criteria are not accomplished.

Skin corrosion/irritation:

Based on available data, the classification criteria are not accomplished.

Serious eye damage/irritation:

Based on available data, the classification criteria are not accomplished.

Respiratory or skin sensitization:

Based on available data, the classification criteria are not accomplished.

Germ cell mutagenicity:

Based on available data, the classification criteria are not accomplished.

Carcinogenicity:

Based on available data, the classification criteria are not accomplished.

Reproductive toxicity:

Based on available data, the classification criteria are not accomplished.

STOT-single exposure:

Based on available data, the classification criteria are not accomplished.

STOT-repeated exposure:

Based on available data, the classification criteria are not accomplished.

Aspiration hazard:

Based on available data, the classification criteria are not accomplished.

SECTION 12: Ecological information

12.1 Toxicity

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Data for the mixture are not available.
Never release into sewers or waterways.

12.2 Persistence and degradability

not available.

12.3 Bio accumulative potential

not available

12.4 Mobility in soil

not available

12.5 Results of PBT and vPvB assessment

The mixture contains no thus identified substances

12.6 Other adverse effects

not available.

SECTION 13: Disposal considerations

Hazard of environmental contamination; proceed in accordance with Act No. 185/2001 Coll. on waste, as amended, and with implementing regulations laying down the disposal of waste.

13.1 Waste treatment methods

Proceed in accordance with valid regulations laying down the disposal of waste. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to an authorised person for waste removal (specialized company) authorised for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Legislation of waste

Council Directive 75/442/EEC on waste, at last amended. Council Directive 91/689/EEC on hazardous waste, as last amended. Decision 94/3/EC establishing a list of wastes, as last amended.

SECTION 14: Transport information

When in plastic container.

14.1 UN Number	not applicable
14.2 UN proper shipping name	not applicable
14.3 Transport hazard class(es)	not applicable
14.4 Packing group	not applicable
14.5 Environmental hazards	not applicable

14.6 Special precautions for user Reference in Sections 4 to 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code not applicable

When presented in a Charged cylinder

14.1 UN Number 1044

14.2 UN proper shipping name LIQUEFIED GAS, N.O.S.

14.3 Transport hazard class(es) 2.2

14.4 Packing group None

14.5 Environmental hazards None.

14.6 Special precautions for user No information available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code The product is not intended to be transport in bulk.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning registration, evaluation, authorisation and restriction of chemicals, establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. Directives 67/548/EEC, as amended, and 1999/45/EC, as amended. Act No. 350/2011 Coll. on chemical substances and mixtures and on amendment to some related acts (The Chemical Act). Decree No. 402/2011 Coll. on the evaluation of hazardous properties of chemical substances and chemical mixtures and packaging and labelling of hazardous chemical mixtures. Government Regulation No. 361/2007 Coll., which stipulates the conditions of health protection at work, as amended. Act No. 372/2011 Coll. on health services and the terms and conditions for the providing of such services (Health Services Act). Act No. 258/2000 Coll. on protection of public health, as amended. Decree No. 415/2012 Coll. on permissible pollution and its detection and on the implementation of certain other measures under the Act on Air Pollution. Decree No. 246/2001 Coll. on fire prevention. Act No. 185/2001 Coll. on waste and on amendment to some related acts, as amended. Act No. 201/2012 Coll. on air protection. Government Regulation No. 315/2009 to amend the Government Regulation No. 194/2001 Coll. providing for technical requirements for aerosol dispensers, as amended by Government Regulation No. 305/2006 Coll. Decree No. 432/2003 Coll. laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological substances for biological exposure and the particulars of the reports on work with asbestos and biological agents.

15.2 Chemical Safety Assessment

not available

SECTION 16: Other information

16.1 Revision Information

15/06/2018. Change of Company details
30/08/2018 Change marketing name of agent.

16.2 Abbreviations and acronyms

CAS	Unique Numeric Identifier used in chemistry for chemical substances
CLP	Classification, Labelling and Packaging
CSN	Czech Technical Standard
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
Ems	Emergency plan
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50	Concentration causing 50 % blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Transport
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
MARPOL	International Convention for the Prevention of Pollution From Ships
MFAG	First Aid Manual
NPK	The maximum permissible concentration
PBT	Persistent ,Bio accumulative and Toxic
PEL	Permissible Exposure Limit
REACH	Registration, Evaluation and Restriction of chemicals (EP and Council Regulation (EC) No.1907/2006)
vPvB	Very Persistent and very Bio accumulative

16.3 Key literature references and sources for data

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended, REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended, COMMISSION REGULATION (EU) No 453/2010, COUNCIL DIRECTIVE 67/548/EEC as amended and 1999/45/EC, COMMISSION REGULATION (EU) No 286/2011

amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

16.4 Relevant R-phrases/H-statements

In pressurized cylinders only

H280 Contains gas under pressure; may explode if heated.

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16.5 Training advice

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the mixture.

16.6 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

----- End of the SDS -----