



Wat-er Blast Pty Ltd
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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

GHS IDENTIFIER:
PRODUCT (MATERIAL) NAME: **BLAST FOAM**
OTHER NAMES

RECOMMENDED USE: **Concentrated Foaming Car/Marine Vehicle Wash**

SUPPLIER NAME/ADDRESS: Wat-er Blast, Unit 4/10 Technology Drive, Arundel, QLD

TELEPHONE NUMBER: 1300 372 711, Hours: 0900-1600, Monday to Friday

EMERGENCY PHONE NUMBER: 000

SECTION 2 - HAZARDOUS IDENTIFICATION

HAZARD CLASSIFICATION OF SUBSTANCE/MIXTURE:

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; NON DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

SUSMP SCHEDULE: **NOT SCHEDULED**

HAZARD CATEGORY: **Skin Corrosion/Irritation: Category 2, Eye Irritant, Category 2A, Acute Aquatic Toxicity, Category 3**

PICTOGRAMS



SIGNAL WORD: **WARNING**

HAZARD STATEMENTS: **H315: Causes skin irritation, H319: Causes Serious Eye Irritation, H402 Harmful to aquatic life**

PRECAUTIONARY STATEMENTS

GENERAL: P101 If medical advice is needed, have product container or label at hand, P102 Keep out of reach of children, P103 Read label before use

PREVENTION: P264: Wash hands thoroughly after handling, P273: Avoid release to the environment, P280: Wear eye protection/face protection

RESPONSE: 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.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Rinse mouth with water.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician, P390 Absorb spillage to prevent material damage.

STORAGE: P405 Store locked up

DISPOSAL: P501 Dispose of contents/ container to an approved waste disposal plant

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Chemical identity of ingredients	CAS Number(s) for ingredients	Proportion of ingredients	Hazard Codes
Sodium Lauryl Ether Sulphate	68891-38-3	$\geq 10\% \text{ Conc} < 30\%$	H315 H319 H402
Cocoamidopropyl Betaine	61789-40-0	$\geq 1\% \text{ Conc} < 10\%$	H319

If the sum of ingredients is less than 100%, the material consists of further ingredients determined not to be hazardous as listed in HCIS.

SECTION 4 - FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Ingestion: For advice, contact a Poisons Information Centre (Phone Australia 131126; New Zealand 03 4747000) or a doctor. Do not induce vomiting. Give glass of water.

Eye Contact: If in eyes wash out immediately with water. Seek medical advice if discomfort/irritation persists.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Seek medical advice if irritation persists.

Inhalation: Remove victim to ventilated area. See a doctor.

Medical attention or special treatment required

Advice to Doctor: Treat symptomatically

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, Carbon Dioxide, Dry Chemical Powder, and Water fog.

Hazards from combustion products: High temperature combustion will release toxic gasses. (COx)

Special protective precautions and equipment for fire fighters: Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of decomposition (COx) evolved.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency procedures /Environmental precautions: If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions /Protective equipment /Methods and materials for containment and cleaning up: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour, mists and aerosols.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well ventilated place and out of direct sunlight. Store below 30°C. Protect from freezing. Store away from incompatible materials described in Section 10.

Keep containers closed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Threshold limit value for product not established. However WORK-PLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS which are present are listed:

Substance	TWA (ppm)	TWA (mgm ³)	STEL (ppm)	STEL (mgm ³)	Notice
None					

Appropriate engineering controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use. If used in limited ventilation, ensure adequate ventilation to maintain exposure levels are kept below standards, by using a local exhaust.

Individual protection measures, such as Personal Protective Equipment (PPE): Avoid unnecessary contact as good work practice. Wash contaminated clothing and protective equipment before storing and re-use. Wash hands before eating, smoking or using the toilet.

OVERALLS, SAFETY BOOTS, CHEMICAL GOGGLES, GLOVES, MASK

Wear overalls, chemical goggles, safety boots, and gloves. Always wash hands before smoking, eating, drinking or using the toilet.

Wash contaminated clothing and other protective equipment before storage or re-use.

If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape): Blue translucent liquid

Odour: Characteristic odour

pH: 7-8

Vapour pressure: Similar to water

Vapour density: Similar to water

Boiling point/range: 100°C

Freezing/melting point (specify which): 0°C

Specific gravity or density: 0.99-1.03

Flash point: Non combustible

Flammability (explosive) Limits in air: unknown

Autoignition temperature: unknown

Evaporation rate: Similar to water

Viscosity @25°C: >0.05Pas (50csc) Typical (> 20.5mm²/s)

SECTION 10 - STABILITY AND REACTIVITY

Chemical Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Conditions to avoid: Do not mix with oxidising agents (Class 5). Do not freeze or expose to excessive heat.

Incompatible materials: Not to be loaded with dangerous when wet substances (Class 4.3), oxidising agents (Class 5), cyanides (Class 6), strong acids (Class 8) or foodstuffs.

Hazardous decomposition products: Upon combustion oxides of carbon (CO, COX)

Hazardous reactions: Oxidising agents (Class 5)

SECTION 11 -TOXICOLOGICAL INFORMATION

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

Symptoms of exposure

Ingestion: No data is available on human ingestion of product. May be irritant to mouth.

Eye contact: Moderately irritating to eyes.

Skin: May be mildly irritating, frequent and prolonged contact may cause dermatitis.

Inhalation: At ambient temperatures, is a low irritation hazard. If heated or applied in a confined space may cause irritation of nose, throat and lungs.

Acute toxicity: ATE _{MIX} LD ₅₀ : >8500 mg/kg	Not expected to be toxic
Skin corrosion/irritation:	Expected to be an irritant to skin
Serious eye damage/irritation:	Expected to be an irritant to eye
Respiratory or skin sensitisation:	Not expected to be a sensitiser.
Germ cell mutagenicity:	Not expected to be mutagenic.
Carcinogenicity:	Not expected to be carcinogenic.
Reproductive toxicity:	Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) – single exposure:	No data
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data
Aspiration hazard:	Not expected to be a hazard.

SECTION 12 -ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways. Toxic to aquatic life.

Acute Toxicity:

Fish –	Toxic: 100 < LC/EC/IC50 <= 1000mg/l
Aquatic invertebrate –	Toxic: 100 < LC/EC/IC50 <= 1000mg/l
Algae –	Data not available
Microorganisms –	Data not available

Chronic Toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability: Product utilizes surfactants classed as “Readily Biodegradable” and conforms to AS4351.

Mobility: Dissolves in water. If product enters soil, it will be highly mobile and may contaminate ground-water

Additional information/Environmental fate (exposure): Do not allow product to enter waterways, drains and sewers.

Bioaccumulative potential: Does not bioaccumulate significantly.

SECTION 13 -DISPOSAL CONSIDERATIONS

Disposal methods and containers: Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.



SECTION 14 -TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Class and subsidiary risk: Not applicable

Packing Group: Not applicable

Special precautions for user: NIL

Hazchem Code: Not applicable

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

SECTION 15 - REGULATORY INFORMATION

Classification: This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

Classification of the substance or mixture: Skin Corrosion/Irritation: Category 2, Eye Irritant, Category 2A, Acute Aquatic Toxicity, Category 3

Hazard Statement(s): H315: Causes skin irritation, H319: Causes Serious Eye Irritation, H402 Harmful to aquatic life

Poisons Schedule (SUSMP): NOT SCHEDULED

AICS: All ingredients are on the Australian Inventory of Chemical Substances

Additional national and/or international regulatory information.

SECTION 16 - OTHER INFORMATION

Date of preparation or last revision of the SDS: 9 November 2020

Prepared by: SDS Manager

Additional information

Key/legend to abbreviations and acronyms used in the SDS

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

ACGIH: American Conference of Governmental Industrial Hygienists

ASCC: Australian Safety and Compensation Council

ATE: Acute Toxicity Estimates

BEI®: Biological exposure indices (BEI) are values used for guidance to assess biological monitoring results. With respect to chemical exposure, biological monitoring is the measurement of the concentration of a chemical marker in a human biological media that indicates exposure. They are not developed for use as legal standards.

Carcinogen Category Number: 1. Established human carcinogen, 2. Probably human carcinogen, 3. Substances suspected of having carcinogenic potential

Code AICS: Australian Inventory of Chemical Substances

CAS number: Chemical Abstracts Service Registry Number

EPG: Emergency Procedure Guide (superseded by IERG)

Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially firefighters

HCIS: The Hazardous Chemical Information System (HCIS) is a database of information on chemicals that have been classified in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). HCIS replaces the previous Hazardous Substance Information System (HSIS).

HSIS: HSIS is a database of information on substances classified in accordance with Australia's previous hazardous substance classification system, the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)].

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

IERG: HB 76-2004 Dangerous goods - Initial Emergency Response Guide

IMDG: International Maritime Dangerous Goods. A uniform code for transport of dangerous goods at sea.

LEL: lower flammable (explosive) limits in air;

LD50: Lethal Dose sufficient to kill 50% of test population

NIOSH: National Institute for Occupational Safety and Health The United States federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness.

NOAEL: No Observed Adverse Effect Level

NOEL: No Observable Effect Level

NOHSC: National Occupational Health and Safety Commission

NTP: National Toxicology Program (USA)

Peak Limitation: Peak limitation means a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

PEL: Permissible Exposure Limit

RTECS: Registry of Toxic Effects of Chemical Substances (Symyx Technologies')

TCLO: Toxic Concentration Low

TDLO: Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per kilogram) of a substance known to have produced signs of toxicity in a particular animal species.

TLV: Threshold Limit Value (ACGIH):The time weighted average used to describe exposure which is harmless to most of the population when exposed 8 hours per day, 40 hours per week.

TWA: (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

SAFework: Independent statutory agency with primary responsibility to improve occupational health and safety and workers' compensation arrangements across Australia.

STEL: (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

SUSDP: Standard for the Uniform Scheduling of Drugs & Poisons

SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons



UEL: upper flammable (explosive) limits in air;

UN Number: United Nations Number

VOC: Volatile Organic Content - defined as : 'any chemical compound based on carbon chains or rings with a vapour pressure greater than 0.1mm of mercury (Hg) or 0.0135Kpa at 25°C. This definition excludes reactive diluents, which are designed to be chemically bound into the cured film. It also includes all constituents >0.5% by volume of formulation, which are organic compounds with a boiling point < 250°C.'

Literature references/Sources for data:

Safety Data Sheets from Suppliers

Hazardous Chemical Information System (HCIS) - ASCC Australia (on-line)

GHS (Globally Harmonised System of Substance Classification & Labelling)

REACH (European Chemical Substance Information System)

ADG Code Ed 7.7

SUSMP No 30

DISCLAIMER

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Wat-er Blast Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Wat-er Blast Pty Ltd at the contact details on page 1. Wat-er Blast Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request. Wat-er Blast Pty Ltd however makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof and assumes no responsibility for injury to buyer or third persons or for any damage to property, Buyer assumes all risks.