SAFETY DATA SHEET

1. Product and Company Identification

Company Name: MD Car Care
4/15 Industry Drive Caboolture
4510 Queensland Australia
info@mdcarcare.com.au
Emergency Contact: MD Car Care +61412730283 - Poisons Information Centre 13 11 26

Product Name: **Bubble Foam**
Product Code: NA
Intended Use: Detergent
Chemical Nature: Liquid

2. Hazards Identification

Classified as Hazardous according to Safe Work Australia

Hazard Categories
Acute Toxicity (Oral) - Category 4
Serious Eye Damage/Irritation - Category 1

Pictograms

Signal Word Danger

Hazard Statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary Statements Prevention
P280 Wear protective gloves/eye protection/face protection.
P273 Avoid release to the environment.
P264 Wash all exposed external body areas thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

Response
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 CENTRE/doctor.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.

Disposal
P501 Dispose of contents/container in accordance with local / regional / national /international regulations.

National Transport Commission (Australia)
Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
Dangerous Goods Classification **NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous**
Goods by Road & Rail (ADG Code)

3. Composition / Information on Ingredients

Substance / Mixture: Mixture

Chemical Name	Cas Number	% In Product
Proprietary Surfactant Blend		<40%
Other ingredients not classified as hazardous		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if applicable are listed in section8.

4. First aid Measures

Description of necessary measures according to routes of exposure

Swallowed	IF SWALLOWED: Rinse mouth, then drink plenty of water. **Do not** induce vomiting. Call a Poison Centre or doctor/physician for advice.
Eye	IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Centre or doctor/physician for advice.
Skin	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
Inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult.
Advice to Doctor	Treat symptomatically.

5. Fire Fighting Measures

Suitable Extinguishing Media:	Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemical
Unsuitable Extinguishing Media:	None known.
Specific Hazards arising from the Chemical:	This product is not a combustible liquid.
Special protective equipment for fire fighters:	Use personal protective equipment.
Hazardous decomposition:	Oxides of carbon.
Special Fire Fighting Procedures:	Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus. Spills will be slippery.

6. Accidental Release Measures

Personal Precautions:	Use personal protective equipment as required (see SECTION 8).
Environmental Precautions:	Avoid contact with large amounts of spilled material runoff with soil & surface waterways.
Methods of cleanup:	Absorb with inert material. Use a water rinse for final cleanup.

7. Handling and Storage

Handling	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use Use personal protective equipment as required (see SECTION 8) DO NOT allow clothing wet with material to stay in contact with skin
Storage	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers tightly closed - Check regularly for spills.
Container	Keep in the original container.

8. Exposure Controls and Personal Protection

General	No specific exposure standards are available for this product. For dusts from solid substances without specific occupational exposure standards: - Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m3 (measured as inhalable dust). - New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m3; TWA = 3 mg/m3 (respirable dust).
Exposure Limits	No Data Available
Personal Protection Equipment	Recommended: - Eye/face protection: Wear appropriate eye protection to prevent eye contact. Recommended: safety goggles/glasses. - Hand protection: Wear protective gloves. Recommended: Impervious (e.g. rubber) gloves. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Longsleeved clothing; Overalls, safety shoes.
Work Hygienic Practices	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and shoes immediately. Wash contaminated clothing and other protective equipment before storage or reuse.

9. Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.0
Colour:	Blue	Vapour Pressure:	18 mm Hg @ 20ºC
Odour:	bubblegum	Volatiles:	>60% (water)
pH:	7 – 7.5 typically	Vapour Density:	No data available
Boiling Point:	100º C (approx)	Solubility:	100%
Flash Point:	Not relevant	Evaporation Rate:	<=Water

10. Stability and Reactivity

Chemical Stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous decomposition products: May evolve toxic gases if heated to decomposition.

11. Toxicological Information

Health Hazard Summary: Low toxicity – low irritant. Under normal conditions of use, adverse health effects are not anticipated.

Eyes: If applied to the eyes, this material causes severe eye damage.
Direct eye contact with some anionic surfactants in high concentration can cause severe damage to the cornea. Low concentrations can cause discomfort, excess blood flow, and corneal clouding and swelling. Recovery may take several days.

Skin: Skin contact with the material may be harmful; systemic effects may result following absorption. The material may accentuate any pre-existing dermatitis condition
Anionic surfactants can cause skin redness and pain, as well as a rash. Cracking, scaling and blistering can occur. Open cuts, abraded or irritated skin should not be exposed to this material The material may cause severe inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterised by redness, swelling and blistering.

Ingestion: Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Ingestion of anionic surfactants may produce diarrhoea, bloated stomach, and occasional vomiting. Organo-sulfates are generally poorly absorbed from the gastro-intestinal tract but have the ability to attract water and as a result may produce diarrhoea. If absorbed they are highly toxic.

Inhalation: Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful. The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.

Toxicity Data: Oral(Rat) LD50; 1288 mg/kg[2] Eye (rabbit): 10 mg - moderate
Eye (rabbit):100 mg/24h-moderate
Eye (rabbit):250 ug - mild
Skin (human): 25 mg/24h - mild

Skin (rabbit):25 mg/24h-moderate
Skin (rabbit):50 mg/24h - SEVERE

12. Ecological Information

sodium mono-C10-16-alkyl sulfate

Endpoint	Test Duration (hr)	Species	Value	Source
EC50(ECx)	48h	Crustacea	1.18-2.21mg/l	4
EC50	48h	Crustacea	1.18-2.21mg/l	4

Toxic to aquatic organisms.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.
For Surfactants: Kow cannot be easily determined due to hydrophilic/hydrophobic properties of the molecules in surfactants. BCF value: 1-350. Aquatic Fate: Surfactants tend to accumulate at the interface of the air with water and are not extracted into one or the other liquid phases. Terrestrial Fate: Anionic surfactants are not appreciably absorbed by inorganic solids.

13 Disposal Considerations

Disposal methods:	The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal Considerations:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory Information

AICS:	All of the significant ingredients in this product are compliant with NICNAS regulations.
Poisons Schedule:	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications:	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labeling of Chemicals. The classification and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)]
Hazard Codes:	None allocated.
Risk Phrases:	None allocated.
Safety Phrases:	None allocated.

16. Other Information

This SDS contains only safety related information. For other information see product literature.