

Safety Data Sheet

1. Identification of the Material and Supplier

Product Name: MaxiFoam D5100
Supplier: Science Developments Pty Ltd
ABN: 96 001 815 363
Address: Suite 105, 48 Atchison Street
St Leonards NSW 2065 AUSTRALIA
Contact Details: +61 (0) 427 501 274
admin@scidev.com.au

Emergency Telephone: 13 11 26 (Poison Information Hotline)

Product Description: Proprietary blend of nonionic and anionic surfactants

2. Hazards Identification

Not Classified as Hazardous according to Worksafe Australia.

3. First Aid Measures

General Information: Seek medical assistance if irritation occurs. Treat symptomatically. Liquid of low reactivity and low volatility. Does not present a health hazard under normal conditions of use when normal handling procedures are followed.

Contact with Eyes: Rinse affected eyes thoroughly, including under eyelids, with running water for at least 15 minutes.
Seek specialist advice.

Swallowing: Seek medical attention

Inhalation: First aid should not be needed.

Skin contact: Rinse skin with copious amounts of water. Remove contaminated clothing and wash before reuse.

4. Fire Fighting Measures

Recommended extinguishers:	Water spray, foam, carbon dioxide, dry chemical powder.
Unsuitable Extinguishers:	N/A
Hazards arising from substance:	N/A
Protective equipment:	Firefighters should wear self-contained breathing apparatus if there is a risk of exposure to vapour or products of combustion.

5. Accidental Release Measures

Measures for personal safety:	Shut off all possible sources of ignition. Slippery when spilt. Personnel involved in clean-up should wear eye protection.
Environmental measures:	In case of spillage, prevent the material from entering drains or watercourses and sewers.
Cleaning methods:	Remove spilt material with liquid binding materials (e.g. sand, sawdust or diatomaceous earth). Dispose of according to local regulations.

6. Handling & Storage

Handling precautions:	Avoid skin and eye contact. Wash hands after using product.
Hygiene measures:	Keep containers tightly closed. Combustible liquid.

7. Exposure Controls/Personal Protection

General precautions:	Good industrial hygiene should be followed.
Ventilation:	Good general ventilation should be adequate under normal conditions.
Engineering controls / exposure limits	An exposure standard has not been determined for this product.
Personal protection:	Wear safety glasses or face shield, impermeable gloves and overalls.

8. Physical and Chemical Properties

Appearance/State	Liquid
Colour	Yellow-tan
Odour	Negligible
Flammability	Not available
Flash point	>200°C
Boiling point	Not available
Melting point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
pH	Not available
Vapour density	Not available
Specific gravity	0.93 – 0.97 G/ML @ 20oc
Specific Gravity @ 20°C	Not available
Solubility (water)	Emulsifiable
Vapour pressure	Not available
Upper explosion limit	Not available
Lower explosion limit	Not available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	1,500 Cps @ 20oc Maximum
Explosive properties	Not available
Oxidising properties	Not available
Odour threshold	Not available
Freezing point	Not available
Density	Not available

9. Stability and Reactivity

Reactivity:	Strong oxidizing agents
Conditions to avoid:	Extreme heat and sources of ignition may render the product combustible.
Hazardous decomposition products:	None known if used for its intended purpose.

10. Toxicological Information

Exposure routes	Inhalation Skin contact Ingestion Eye contact
Acute oral toxicity	No LD50 data available for product.
Inhalation toxicity sensitisation	No known toxic effects.
Skin corrosion/irritation/Sensitisation	Not classified based on available information.
Eye	Not classified based on available information.
Sensitisation	Not classified based on available information.
Mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive	Not classified based on available information.
STOT – single exposure	Not classified based on available information.
STOT – repeated exposure	Not classified based on available information.
Aspiration	Inhalation Skin contact Ingestion Eye contact

11. Ecological Information

Aquatic Toxicity:	No adverse effects are expected
Ecotoxicity	No data available
Bio accumulative potential	No data available
Persistence and degradability	No data available
Bacterial toxicity:	Not determined
Mobility in soil:	No data available
Other adverse effects:	No data available

12. Disposal Considerations

Waste from residues	Dispose of by incineration in an approved chemical waste facility according to local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

13. Transport Information

Road and Rail Transport:	Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) by transport by Road and Rail. NON-DANGEROUS GOODS.
Marine Transport:	Not classified as Dangerous Goods by 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 criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. NON-DANGEROUS GOODS.

14. Regulatory Information

Prohibition Licensing Requirements	There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
Australia: AICS (Australian Inventory of Chemical Substances), NZIoC, IECSC	All ingredients listed or exempt. YES (positive listing).
ENCS/ISHL	All components are listed on ENCS/ISHL or exempted from inventory listing.
HSNO Group	This substance falls under the HSNO Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006.
HSNO Approval Code	HSR002503
PICCS	All ingredients listed or exempt.
DSL	All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).
REACH	All ingredients (pre-) registered or exempt.
SUSMP Australia	Schedule 5: Caution.
TSCA	All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
United States TSCA Inventory	YES (positive listing).
KECI	All ingredients listed, exempt or notified.
TCSI	All ingredients listed or exempt

15. Other Information

Additional information:

Respirators:
Personal Protective Equipment Guidelines:
Health Effects from Exposure:

Abbreviations:

ACGIH
American Conference of Governmental Industrial Hygienists

ca
Approximatively

CAS #
Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS
Central Nervous System

EC No.
EC No - European Community Number

EMS
EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous

GHS
Globally Harmonized System

GTEPG
Group Text Emergency Procedure Guide

IARC
International Agency for Research on Cancer

LC50
Lethal Concentration, 50% / Median Lethal Concentration

LD50
Lethal Dose, 50% / Median Lethal Dose

mg/m³
Milligrams per Cubic Metre

OEL
Occupational Exposure Limit



Ph

Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm

Parts Per Million

STEL

Short-Term Exposure Limit

WES-STEL

Workplace Exposure Standard - Short-Term Exposure Limit

WES-TWA

Workplace Exposure Standard - Time Weighted average

STOT-RE

Specific target organ toxicity (repeated exposure)

STOT-SE

Specific target organ toxicity (single exposure)

SUSMP

Standard for the Uniform Scheduling of Medicines and Poisons

SWA

Work Australia

TLV

Threshold Limit Value

TWA

Time Weighted Average



Other information

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them.

Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in another manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.

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