

According to Model Work Health and Safety Regulations and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

MULTIFOAM

SECTION 1 : Identification

Product identifier	MULTIFOAM
Other means of identification	-
Recommended use:	Degreasing agent.
Restrictions on use:	-
Details of Manufacturer or Importer	
Supplier:	Olmurtech
Address:	Unit 76/193-203 South Pine Road, Brendale DC, QLD. 4500 Australia
Contact person(E-mail):	-
Telephone:	+617 3419 8478
Fax:	-
Manufacturer:	Novatech International N.V.
Address:	Industrielaan 5B, B-2250 Olen
Contact person(E-mail):	info@novatech.be
Telephone:	+32 14 85 97 37
Fax:	+32 14 85 97 38
Emergency number:	Poisons Information Centre : 13 11 26
Importer	
Company name:	
Address:	
Contact person(E-mail):	
Telephone:	
Fax:	
Emergency number:	

SECTION 2 : Hazard(s) Identification

GHS classification:	
Physical hazards:	Aerosols - Category 1
Health hazards:	Not classified
Environmental hazards:	Not classified

GHS label elements:	
Hazard Pictograms:	
Signal word:	Danger
Hazard statement:	Extremely flammable aerosol; and Pressurised container: may burst if heated
Precautionary statement:	
Prevention:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep out of reach of children. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
Response:	Not applicable.
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
Disposal:	Not applicable.
Other hazards which do not result in classification:	Gas/vapour spreads at floor level: ignition hazard. Caution! Substance is absorbed through the skin.

SECTION 3 : Composition and Information On Ingredients

Components:	CAS No.	Percent
butane	106-97-8	2.5%≤C<10%
propan-2-ol	67-63-0	2.5%≤C<10%
propane	74-98-6	2.5%≤C<10%
1-methoxy-2-propanol	107-98-2	1%≤C<2.5%
isobutane	75-28-5	0.1%≤C<1%

SECTION 4 : First Aid Measures

Description of necessary first aid measures	
Inhalation:	Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.
Skin:	If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water.
Eye:	Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.
Ingestion:	Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poisons Center.
Symptoms caused by exposure	No effects known.
Medical Attention and Special Treatment	Treat symptomatically.

SECTION 5 : Firefighting Measures

Suitable extinguishing media:	Small fire: Water, Quick-acting ABC powder extinguisher, Quick acting BC powder extinguisher, Quick acting CO2 extinguisher. Major fire: Quantities of water.
Extinguishing media which must not be used for safety reasons:	Not available.
Specific hazards arising from the chemical:	Upon combustion: CO and CO2 are formed. Pressurised container: May burst if heated.
Special protective equipment and precautions for firefighters	Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
HAZCHEM code	None.

SECTION 6 : Accidental Release Measures

Personal precautions:	Stop engines and no smoking. No naked flames or sparks. Spark and explosion proof appliances and lighting equipment. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.
Containment procedures:	Contain released product. Dam up the liquid spill.
Methods for cleaning up:	Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 : Handling and Storage

Precautions for safe handling:	Use spark/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards. Keep container tightly closed.
Conditions for safe storage, including any incompatibilities	Storage temperature: < 50 °C. Meet the legal requirements. Protect against frost. Keep out of direct sunlight. Keep container in a well ventilated place. Fireproof storeroom. Keep away from heat sources, ignition sources.

SECTION 8 : Exposure Controls and Personal Protection

Control parameters	
Occupational exposure limits	
Butane (106-97-8)	
Australia - Occupational Exposure Limits	
Local name	Butane
OES TWA	1900 mg/m ³ 800 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
propan-2-ol (67-63-0)	
Australia - Occupational Exposure Limits	
Local name	Isopropyl alcohol (Propan-2-ol)
OES TWA	983 mg/m ³ 400 ppm
OES STEL	1230 mg/m ³ 500 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
1-methoxy-2-propanol (107-98-2)	
Australia - Occupational Exposure Limits	
Local name	Propylene glycol monomethyl ether (1-Methoxypropan-2-ol)
OES TWA	369 mg/m ³ 100 ppm
OES STEL	553 mg/m ³ 150 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Biological limit values:	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls:	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protective equipment:	
Eye/face protection:	Protective goggles.
Skin protection:	Protective clothing.
Hand protection:	Protective gloves against chemicals. Materials: nitrile rubber, Thickness: 0.35 mm, Measured breakthrough time: > 480
Respiratory protection:	Full face mask with filter type A at conc. in air > exposure limit.
Thermal hazards:	Wear suitable protective workwear to prevent from thermal hazards.

SECTION 9 : Physical and chemical properties

Appearance:

Physical state:	Aerosol
Form:	Aerosol
Colour:	Colourless
Odour:	Alcohol odor
Odour threshold:	Not available
PH:	Not available
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Extremely flammable aerosol
Upper/lower flammability or explosive limits:	1.5 - 13.7 vol %
Vapor pressure:	Not available
Vapor density:	>1
Relative density:	0.94 (20 °C, Liquid)
Solubility (H ₂ O):	Soluble
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Dynamic viscosity:	Not available
Kinematic viscosity:	Not available
Organic solvents:	Not available
Water:	Not available
VOC (EC):	Not available
Solids contents:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available
Absolute density:	0.946 kg/m ³ (20 °C, Liquid)

SECTION 10 : Stability and Reactivity

Reactivity:	May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard.
Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	Use spark-/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks.
Incompatible materials:	Not available
Hazardous decomposition products:	Upon combustion: CO and CO ₂ are formed.

SECTION 11 : Toxicological Information

Toxicological data:

Acute toxicity: propan-2-ol (CAS#67-63-0)	
LD50(Oral, Rat):	5.84 g/kg
LD50(Dermal, Rabbit):	16.4 mL/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT- single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration hazard:	No data available
Other information	This product has no known adverse effect on human health.
Information on routes of exposure:	No data available
Symptoms related to exposure:	No data available
Numerical measures of toxicity:	No data available
Immediate, delayed & chronic health effects from exposure:	No data available

SECTION 12 : Ecological Information

Ecotoxicity: propan-2-ol (CAS#67-63-0)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	9640 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A
Persistence and degradability:			Contains non-readily biodegradable component(s).			
Bioaccumulative potential:			Does not contain bioaccumulative component(s).			
Mobility in soil:			Contains component(s) with potential for mobility in the soil.			
Other adverse effects:			No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			

SECTION 13 : Disposal Considerations

Safe handling and disposal methods:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Disposal of any contaminated packaging:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residue. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14 : Transport Information

ADG

UN number	UN1950
Proper shipping name	Aerosol
Hazard class	2.1
Packing group	-
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number	UN1950
Proper shipping name	Aerosol
Hazard class	2.1
Packing group	-
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1950
Proper shipping name	Aerosol
Hazard class	2.1
Packing group	-
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	-

SECTION 15 : Regulatory Information

Safety, health and environmental regulations National regulations

Australian Inventory of Industrial Chemicals (AIIC)	
butane (CAS 106-97-8)	Listed
propan-2-ol (CAS 67-63-0)	Listed
propane (CAS 74-98-6)	Listed
1-methoxy-2-propanol (CAS 107-98-2)	Listed
isobutane (CAS 75-28-5)	Listed

SECTION 16 : Any Other Relevant Information

Indication of changes:	Version 1.0
Key abbreviations acronyms used:	CAS: Chemical Abstracts Service LC50: Lethal Concentration 50 EC50: Concentration for 50% of maximal effect LD50: Lethal dose 50% MAC: maximum allowable concentration,MAC) PC-TWA: permissible concentration-time weighted average PC-STEL: permissible concentration-short term exposure limit
Further information:	Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.
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