Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking*

Trade name

GLUMEX

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

No further relevant information available.

- Application of the substance / the preparation

Cleaning.
Adhesive removing liquid.

Details of the supplier of the safety data sheet

- Manufacturer/Supplier

Australia:
15-21 Doody St Alexandria, Sydney, 2015
PO Box 924, Gosford, NSW 2250
1800 PRO CLIMA (776 254)
welcome@proclima.com.au
www.proclima.com.au

New Zealand:
7 Daly St, Hutt Central, Lower Hutt 5010
PO Box 925, Wellington 6140
0800 PRO CLIMA (776 254)
welcome@proclima.co.nz
www.proclima.co.nz

Emergency telephone number:

Australia:
Poisons Information Centre (National)
13 11 26 (24hrs)

New Zealand:
National Poisons Centre
0800 764 766 (24hrs)
0800 POISON

2. Hazards identification

Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
- **Hazard categories:**

Flammable liquid: Flam. Liq. 3
Aspiration hazard: Asp. Tox. 1
Hazardous to the aquatic environment: Aquatic Chronic 4

- **Hazard Statements:**

Flamable liquid and vapour.
May be fatal if swallowed and enters airways
May cause long lasting harmful effects to aquatic life.

Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms


- Signal word

Danger

- Hazard statements

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H413	May cause long lasting harmful effects to aquatic life.

- Precautionary statements

P210	Keep away from heat hot surfaces, sparks, open flames and other ignition sources. no smoking
P273	Avoid release to the environment.
P302+P310	IF SWALLOWED: Immediately call POISON CENTER/doctor.
P303+P361+ P353	If ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water shower.
P331	Do NOT include vomiting
P370+P378	In case of fire: Use dry sand, extinguishing powder, alcohol resistant foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking

Other hazards	
Results of PBT and vPvB assessment	
• PBT	No data available.
• vPvB	No data available.

3. Composition/information on ingredients

• Chemical characterization	INCI C9-12-ISOALKANES
CAS No	90622-57-4
Chemical Names	hydrocarbons, C11-C12, isoalkanes, <2% aromatics
EC No	918-167-1
REACH No	01-2119472146-39-0000 ǂ
Quantity	100%
GHS Classification	Flam. Liq. 3, Asp. Tox. 1, aquatic Chronic 4; H226 _H304 H413
• Additional information	Full text of H and EUH statements: see section 16.

4. First aid measures

Description of first aid measures	
• General information	First aider: Pay attention to self-protection! Wear personal protection equipment (refer to section 8). Take off immediately all contaminated clothing and wash it before reuse. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
• After inhalation	Remove affected person from the danger area and lay down. Provide fresh air. Where appropriate artificial ventilation. Call a doctor. If unconscious place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration.
• After skin contact	Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Wash with plenty of soap and water. In case of skin irritation, consult a physician.

• After eye contact	Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.
• After ingestion	Do NOT induce vomiting. Aspiration hazard. Call a physician immediately. Never give anything by mouth to an unconscious person or a person with cramps.
• Most important symptoms and effects, both acute and delayed	Aspiration hazard- Pneumonia
• Indication of any immediate medical attention and special treatment needed	First Aid, decontamination, treatment of symptoms.

5. Firefighting measures

Extinguishing media	
• Suitable extinguishing agents	Carbon dioxide (CO_2), dry extinguishing powder, water spray jet or alcohol-resistant foam.
• For safety reasons unsuitable extinguishing agents	Water with a full water jet.
Special hazards arising from the substance or mixture	
• In case of fire may be liberated: • Ignition Hazard:	Carbon dioxide, Carbon monoxide Density Glumex: 0.756 g/cm^3 < Density Water
Advice for firefighters	
• Protective equipment	In case of fire and/or explosion do not breathe fumes. Special protective equipment for firefighters protective clothing. Full protection suit. Heating causes rise in pressure with risk of bursting.
• In case of fire:	wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.
• Additional information	Do not allow run-off from fire-fighting to enter drains or water courses. Do not allow to enter into soil/subsoil. Residues of fire and contaminated water have to be disposed according to the local regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Wear personal protection equipment (refer to section 8). See protective measures under point 7 and 8. Remove persons to safety. Keep away from sources if ignition – No smoking. Use only antistatically equipped (spark-free) tools. Take action to prevent static discharges. Do not breathe vapour/aerosol.
Environmental precautions	Do not allow product to enter into surface water or drains. Do not allow to enter into soil/subsoil. Large quantities of leaked material: Stop leak if safe to do so. Prevent spread over a wide area (e.g. by containment or oil barriers).
Methods and material for containment and cleaning up	Remove all sources of ignition. Stop leak if safe to do so. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Use only non-combustible absorbents. Use foam on spill to minimise vapours.
• disposal:	see section 13, Dispose of waste according to applicable legislation.
Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7. Handling and storage

Precautions for safe handling	
• Advice on safe handling	Wear personal protection equipment (refer to section 8). Do not breathe gas/fumes/vapour/spray. Room air monitoring Keep away from sources of ignition – No smoking. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Avoid contact with skin, eyes and clothes.

• Advice on protection against explosions and fires	Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Take precautionary measures against static discharges. Vapours can from explosive mixtures with air. Ground and bond container and receiving equipment. Use only antistatically equipped (spark-free) tools.
• Further information on handling	General health and safety measures: Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.
Conditions for safe storage, including any incompatibilities	
• Requirements to be met by storerooms and vessels	Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Handle and open container with care. Ground and bond container and receiving equipment. Keep/store only in original container. Protect from sunlight.
• Information about storage in one common storage facility	Keep away from food, drink and animal feedingstuffs.
• Further information about storage conditions:	Keep away from: frost, heat, humidity
• Specific end use(s)	Information contact: Supplier

8. Exposure controls/personal protection

Control parameters	
• Additional advice on limit values	Germany TRGS 900 (RCP-Method) Hydrocarbons, C11-C12, isoalkanes, <2% aromatics: 300 mg/m³ peak limitation 2(II).
Exposure controls	
• Appropriate engineering controls	Provide adequate ventilation as well as local exhaustion at critical locations. Use explosion-proof (electrical/ventilating/lighting) equipment. Reference to other sections: 7
• Protective and hygiene measures	Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

	Take off contaminated clothing and wash it before reuse. When using do not eat, drink smoke, sniff.
• Eye/face protection	Goggles (material, solvent-resistant) Eye glasses with side protection
• Hand protection	Suitable gloves type: DIN EN 374 NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber), PE (polyethylene), PVA (Polyvinyl alcohol)
In case of prolonged or frequently repeated skin contact:	Thickness of the glove material >0,35mm (NBR (Nitrile rubber)) Breackthrough time (maximum wearing time) >120min Wearing time with occational contact (splashes) Thickness of the glove material >0,35mm (NBR (Nitrile rubber)) Breakthrough time (maximum wearing time) >10min Breakthrough times and swelling properties of the material must be taken into consideration. #the quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quality of hazardous sustances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above mentioned above together with the supplier of these gloves. Check leak tightness/impermeability prior to use.
• Skin protection	The choice of personal protective equipment depends on the potential exposure conditions, e.g. procedure, handling, concentration and ventilation. Wear anti-static footwear and clothing
• Respiratory protection	Exceeding exposure limit values: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus (BGR190). Suitable respiratory protection apparatus: type A
• Environmental exposure controls	No information available

9. Physical and chemical properties

Information on basic physical and chemical properties General Information	
• Appearance: Physical state Colour Odour	 Liquid colourless colourless
pH-value	Not determined.
• **Change in the physical state**	
Melting point/Melting range: Initial boiling point and boiled range: Sublimation point: Softening point: Pour point: Solidifying point: Flash point: Sustaining combustion:	Not determined. Not determined. Not determined. Not determined. Not determined. -50°C 56°C ASTM D 93 No data available
• **Flammability** Solid: Gas:	 Not determined. Not determined.
• **Explosive properties** Lower explosion limits: Upper explosion limits: Ignition temperature	 0.6 vol. % 7 vol. % Not determined
• **Auto-ignition temperature** Solid: Gas: Decomposition temperature	 Not determined. Not determined. Not determined.
• **Oxidizing properties** No information available	
Vapour pressure at 20°C: Density at 20°C: Bulk density: Water solubility at 20°C:	10 hPa 0.756 g/cm³ ASTM D 4052 Not determined. <0.1 % g/L
• **Solubility in other solvents** No information available	

Partition coefficient:	Not determined
Viscosity / dynamic:	Not determined
Viscosity / kinematic at 25° C:	1.45 mm²/s ASTM D 445
Vapour density:	Not determined
Evaporation rate:	Not determined
• Other information	
Solid content	Not determined.
Auto-ignition temperature	>200° C

10. Stability and reactivity

• **Reactivity**	No information available
• **Chemical stability**	The mixture is chemically stable under recommended conditions of storage, use and temperature.
• **Possibility of hazardous reactions**	No hazardous reaction when handled and stored according to provisions.
• **Conditions to avoid**	Safe handling: see section 7 Keep away from heat. Protect against direct sunlight.
• **Incompatible materials**	Oxidising agent, strong Strong acid, base
• **Hazardous decomposition products**	No information available

11. Toxicological information

Information on toxicological effects

- Acute toxicity

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

- CAS No
  Chemical name

90622-57-4
hydrocarbons, C11-C12, isoalkanes, <2% aromatics

Exposure route
Dose
Species
Source
Method

oral
LD50 > 5000 mg/kg
rat
ECHA
OECD 401

Exposure route
Dose
Species
Source
Method

Dermal
LD50 > 5000 mg/kg
Rabbit
ECHA
OECD 402

Exposure route
Dose
Species
Source

Inhalation (4h) vapour
LD50 > 4951 mg/kg
Rat
ECHA

Exposure route
Dose
Species
Source

Inhalation (4h) aerosol
LD50 > 5600 mg/kg
Rat
ECHA

- Irritation and corrosivity

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

- Sensitising effects

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

- Carcinogenic/mutagenic/toxic effects for reproduction

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

- STOT-single exposure

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

- STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking

- Aspiration hazard

May be fatal if swallowed and enters airways.
(hydrocarbons, C11-C12, isoalkanes, <2% aromatics)

12. Ecological information

Toxicity	
• CAS No Chemical name	90622-57-4 hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Aquatic toxicity Dose [h] [d] Species Source	Acute fish toxicity LC50 > 1000 mg/l 96h Oncorhynchus mykiss ECHA
Aquatic toxicity Dose [h] [d] Species Source	Acute algae toxicity ErC50 > 1000 mg/l 72h Pseudikirchnerella subcapitata ECHA
Aquatic toxicity Dose [h] [d] Species Source	Acute crustacea toxicity ErC50 > 1000 mg/l 48h Daphnia magna ECHA
Persistence and degradability	Readily biodegradable (according to OECD criteria).
• CAS No Chemical name	90622-57-4 hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Value d	77% 28
Bioaccumulative potential	No information available.
Mobility in soil	No information available
Results of PBT and vPvB assessment	Not applicable
Other adverse effects	No information available

13. Disposal considerations

Waste treatment method	
• Advice on disposal	Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Hazardous waste
• Waste disposal number of waste from residues/unused products	070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste.
• Waste disposal number of contaminated packaging	150110 WASTE PACKAGING; ABSOBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste
• Contaminated packaging	Container emptied of residues have to be recycled. Containers emptied of residues may still contain hazardous material. Containers not emptied should be removed harmlessly according to the actual disposal guidelines.

14. Transport information

Land transport (ADR/RID)	
• UN-Number:	UN 3295
• UN proper shipping name:	HYDROCARBONS, LIQUID, N.O.S.
• Transport hazard class(es):	3
• Packing group: Hazard label: Classification code: Limited quantity Expected quantity	III 3 F 1 5 L E 1

Transport category:	3
Hazard No:	30
Tunnel restriction code	D/E
Inland waterways transport (AND)	
• UN number:	UN 3295
• UN proper shipping name:	HYDROCARBONS, LIQUID, N.O.S.
• Transport hazard class(es):	3
• Packing group:	III
Hazard label:	3
Classification code:	F 1
Limited quantity:	5 L
Excepted quantity:	E 1
Marine transport (IMDG)	
• UN number:	UN 3295
• UN proper shipping name:	HYDROCARBONS, LIQUID, N.O.S.
• Transport hazard class(es):	3
• Packing group:	III
Hazard label:	3
Special Provisions:	223
Limited quantity:	5 L
Excepted quantity:	E 1
EmS:	F-E, S-D
Segregation group:	chlorites
Airtransport (ICAO-TI/IATA-DGR)	
• UN number:	UN 3295
• UN proper shipping name:	HYDROCARBONS, LIQUID, N.O.S.
• Transport hazard class(es):	3
• Packing group:	III
Hazard label:	3
Special Provisions:	A3 A324
Limited quantity passenger:	10 L
Passenger LQ:	Y344

Excepted quantity: IATA-packing instructions - Passenger IATA-max. quantity - Passenger IATA-packing instructions - Cargo IATA-max. quantity – Cargo	E1 355 60 L 366 220 L
• Environmental hazards ENVIROMENTALLY HAZARDOUS Danger releasing substance:	Yes hydrocarbons
• Special precautions for user	No information available
• Transport in bulk according to Annex II of Marpol and the IBC Code	No information available

15. Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture	
EU regulatory information	
• Restrictions on use (REACH, annex XVII):	Entry 3: hydrocarbons, C11-C12, isoalkanes, < 2% aromatics
• 2010/75/EU (VOC):	100 % (756 g/l)
• Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS
National regulatory information	
• Employment restrictions:	Observe restrictions to employment for juveniles according to the ´juvenile work protection guideline´(94/33/EC).
• Water contamination class (D):	1 – slightly water contaminating
Chemical safety assessment	For this substance a chemical safety assessment has been carried out

16. Other information

The information is based on present level of knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our products is singularly responsible for adhering to existing laws and regulations.

Abbreviations and acronyms	ADR: Accord européen sur le transport des marchandises dangerous par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Réglement international concernat le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) CAS: Chemical Abstracts Service (division of the American Chemical Society) GHS: Globally Harmonized System CLP: Regulation o classification, labelling and Packaging of Substances and Mixtures LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent EC50: Effective concentration, 50 percent DNEL: Derived No effect Level PNEC: Predicted No Effect Concentration PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent very Bioaccumulative
Relevant H and EUH statements (number and full text)	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H413 May cause long lasting harmful effects to aquatic life. EUH066 Repeated exposure may cause skin dryness or cracking.