

MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157	
Tel. for Information: 1300 452355 Last Updated: January 2021	Email: admin@molytec.com.au Page 1 of 5
Material Safety Data Sheet	MOLYTEC SUPA SQUIRT Aerosol

1. Chemical Product / Company Identification

Product Name:	Molytec Supa Squirt		
Product Type:	Water Dispersing Fluid		
Product Size:	400g Aerosol Part No. M830		
Proper Shipping Name:	Aerosol	UN No.: 1950	DG Class: 2.1
Sub Risk:	Nil	Hazchem Code: 3[Y]E	Poisons Schedule: S5
Product Use:	Water dispersant, lubricant and lubricating fluid.		
Company Details:	Molytec Australia P/L 1/9 Steel St Capalaba QLD Australia 4157		
	Phone: 1300 452355	Email: admin@molytec.com.au	

2. Hazards Identification

Statement of Hazardous Nature

This product is classified as: Xn, Harmful. Hazardous according to the criteria of SWA.

Dangerous according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: R65. Harmful: May cause lung damage if swallowed.

Safety Phrases: S23, S24, S46, S62. Do not breathe vapours or spray mists. Avoid contact with skin. If swallowed, contact a doctor or Poisons Information Centre immediately and show this MSDS or label. If swallowed, do not induce vomiting: seek medical advice immediately and show this MSDS.

SUSMP Classification: None allocated.

ADG Classification: Class 2.1: Flammable gases.

UN Number: 1950, AEROSOLS



GHS Signal word: DANGER

HAZARD STATEMENT:

H223: Flammable material.

H280: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H333: May be harmful if inhaled.

PREVENTION

P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

RESPONSE

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

P372: Explosion risk in case of fire.

STORAGE

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

3. Composition and Information on Chemical Ingredients

Chemical Entity	CAS No.	Proportion %
White Spirits	64742-82-1	30-60
Tetrachloroethylene	127-18-4	10-<30
Propane	74-98-6	10-<30
Butane	106-97-8	10-<30
Other ingredients determined not to be hazardous		10-<30

4. First Aid Measures

Swallowed DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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Eye	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes, by the clock, holding the eyelid(s) open. Take care not to rinse the contaminated water into the non-affected eye. Obtain medical attention immediately.
Skin	Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.
Inhaled	If symptoms are experienced, remove source of contamination or move victim to fresh air. Keep patient warm and at rest. Obtain medical attention immediately.
Advice to Doctor	Causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal.

5. Fire Fighting Measures

Small Fire:	Use water spray, dry chemical or CO ₂
Large Fire:	Use water spray and fog Fight fire from protected position or use unmanned hose holders or monitor nozzles If safe to do so, move undamaged containers from fire area Do not approach hot containers Cool containers with water before handling
Extinguishing Media:	If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn. Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.
Unsuitable Media:	Do not use water in a jet.
Protective Equipment For Fire Fighters:	Wear full protective clothing and self-contained breathing apparatus.
Additional Advice:	Keep adjacent containers cool by spraying with water.
Hazchem Code:	2[Y]E – For fire fighting, use foam (alcohol resistant foam may be required). Risk of explosion. Breathing apparatus, fire fighting gear and chemically impervious protective gloves should be worn. Prevent spillage from entering drains or watercourses.

6. Accidental Release Measures

Observe all relevant local and international regulations.

Clean up Method:	Eliminate all ignition sources (no smoking, flares, sparks or flames) within at least 15m. Isolate area until gas has dispersed. All equipment used when handling the product must be earthed. Restrict access to area until completion of clean up. Ensure clean up is conducted by trained personnel only. Wear protective clothing including facemask, face shield, and gauntlets. Ventilate the area. Prevent material from entering sewers or confined spaces. Stop or reduce leak if safe to do so. Contain spill with earth, sand or inert absorbent material. Small spills of solution: soak up with absorbent material. Put material in suitable, covered, labelled containers. Flush area with water preventing runoff entering drains. Large spills: contact fire and emergency services for advice.
Disposal:	Review federal, state and local government requirements prior to disposal
Additional Advice:	See Section 13 for information on disposal. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. Vapour may form an explosive mixture with air.

7. Safe Handling Information

General Precautions:	Avoid breathing of or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Section 8 of this Material safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
Handling:	Avoid contact with skin, eyes and clothing. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Ventilate workplace in such a way that the Occupational Exposure Limit (OEL) is not exceeded. Do not empty into drains.
Storage:	Store in original containers in approved flameproof area. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources. Keep containers securely sealed. Contents under pressure. Store away from incompatible materials. Store in a cool, dry, well-ventilated area in an upright position out of direct sunlight. Avoid storage at temperatures higher than 40°C. Protect containers against physical damage and check regularly for leaks. Maximum storage time: 30 months
Incompatible Materials:	Flammable gases shall <u>not</u> be loaded in the same vehicle or packed in the same freight container with: - Class 1 Explosives - Class 3 Flammable liquids (where both flammable liquids and gases are in bulk)

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Aspiration into the lungs when swallowed /vomited may cause chemical pneumonitis, which can be fatal.

Acute Dermal Toxicity: Low toxicity: LD50 >2000mg/kg, Rat

Acute Inhalation Toxicity: Low toxicity: LC50 –34.200mg/kg, Rat

High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Skin Irritation: May cause moderate skin irritation (but insufficient to classify).

Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Rabbit = 500mg/24hrs Light (standard Draize test)

Respiratory Irritation: Inhalation of vapours or mists may cause irritation to the respiratory system.

Sensitisation: Not a skin sensitiser.

Repeated Dose Toxicity: Auditory system: prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss. Central nervous system: Repeated exposure affects the nervous system. Kidney: caused kidney effects in male rats, which are not considered relevant to humans.

Mutagenicity: Salmonella, slight positive in the rat embryo.

Carcinogenicity: Limited evidence of carcinogenic effect. (Ethylbenzene)

Reproductive and Causes foetotoxicity in animals at doses which are maternally toxic.

Developmental Toxicity: Not expected to impair fertility.

12. Ecological Information

Acute Toxicity

Fish: Harmful: 10<LC/EC/IC50 <= 100mg/l

Aquatic Invertebrates: Harmful: 10<LC/EC/IC50 <= 100mg/l

Algae: Toxic: 10< LC/EC/IC50 <= 10mg/l

Micro organisms: Expected to be harmful: 10< LC/EC/IC50 <= 10mg/l

Mobility: Floats on water

Persistence/degradability: Readily biodegradable (white spirits), Hardly biodegradable (tetrachloroethylene), Oxidises rapidly by photochemical reactions in air.

Bioaccumulation: Has the potential to bioaccumulate. Accumulation magnification: less than 77.1/6 weeks (tetrachloroethylene)

13. Disposal Considerations

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

Container Disposal: Empty contents thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned cans. Send empty cans to recycler.

Local Legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14. Transport Information

	ADG	IMDG	IATA (Country variations may apply)
UN/identification No.:	1950	2103	1950
Proper Shipping Name:	AEROSOLS	AEROSOLS	AEROSOLS
Class/Division:	2	3	2
Packing Group:	n/a	II	-
Hazchem Code:	2[Y]E	-	-
Marine Pollutant:	-	Yes	-

15. Regulatory Information

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

SUSDP Schedule:	6
DSL:	Not listed
INV (CN):	Not listed
TSCA:	Not listed
EINECS:	Not listed
KECI (KR):	Not listed

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16. Other Information

Additional Information: Marked product contains 20ppm Mortrace MP marker.
Users should verify the currency of this data sheet if more than 5 years old. The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this MSDS do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

POLICE AND FIRE BRIGADE: DIAL 000

For further safety information contact MOLYTEC AUSTRALIA on:
Tel: 1300 452355 Email: admin@molytec.com.au
P.O. Box 5357, Alexandra Hills, QLD, Australia, 4161

Disclaimer

The information contained within this SDS applies only to the MOLYTEC product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.

The information contained within this SDS is believed to be accurate and is given in good faith. However no warranty is made, either express or implied, regarding its accuracy or any liability arising out of the use of the information herein or the products supplied. When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classification of the hazards has changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it was recommended. In such cases a reassessment may be necessary and should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way.

They should check the adequacy of the information provided within this SDS before passing it on to their customers / staff.

END OF DOCUMENT