

NON FLAMMABLE SOLVENT


SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	NON FLAMMABLE SOLVENT	53 ASSEMBLY DRIVE
Manufacturers Code:	NFPW25, NFPW200	TULLAMARINE VIC 3043
Date:	September 2016	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	NON FLAMMABLE SOLVENT		
Company Name:	QUICK SMART PRODUCTS		
Address:	53 Assembly Drive Tullamarine Vic 3043		
Telephone/Fax:	(03) 9338 6655 (BH)	Poisons Information Centre 131126 (AH)	(03) 9336 7945 (AH)
Recommended Use:	Industrial solvent : cleaning and degreasing		

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as Hazardous under Australian GHS criteria.		
Hazard Categories	Flammable Liquids: 4; Aspiration Toxicant: 1; Skin Corrosion/Irritation: 3		
Hazardous Statement	Combustible Liquid		
GHS Label Elements			
Signal Word	DANGER		
Symbol(s)			
Hazard Statements	H227:	Combustible liquid	
	H304:	May be fatal if swallowed and enters airways	
	H316:	Causes mild skin irritation	
Precautionary Statements			
Prevention	P260:	Do not breath dust/fume/gas/mist/vapours/spray	
	P262:	Do not get in eyes, on skin, or on clothing	
	P301+P310+P101:	IF SWALLOWED: Call a POISON CENTRE/doctor, if you feel unwell, and have a product container or label at hand	
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)		
Poisons Schedule	5		

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredient	CAS No.	Proportion (%v/v)
Naptha (Petroleum), Hydrotreated Heavy	64742-48-9	100

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4. FIRST AID MEASURES

For advice, contact Poison Information Centre (Phone Australia: 131126) or a doctor.

Description of necessary measures according to routes of exposure

Ingestion	If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.
Skin Contact	Flush exposed area with large amounts of water and soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.
Eye Contact	Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.
Inhalation	Using proper respiratory protection, immediately remove the affected victim from exposure. Keep at rest. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.
First Aid Facilities	Provide eye baths and safety showers.

Most Important Symptoms & Effects, Both Acute & Delayed, Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Advice to Physician	Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.
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5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Suitable Extinguishing Media	Dry chemical or foam.
Hazards from Combustion Products	Carbon dioxide and carbon monoxide.
Protective Equipment for Firefighters	Wear full protective clothing and self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Observe all relevant local and international regulations.

General Response Procedure Avoid accidents, clean up and report spills immediately. Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all possible sources of ignition in the surrounding area. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Methods and Materials for Containment If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Do not walk through or touch spilt material. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Environmental Precautionary Measures Use appropriate containment to avoid environmental contamination. Do not let product enter drains, surface water, sewers or water courses. Advise local authorities if this occurs.

7. HANDLING AND STORAGE

Precautions for Safe Handling This product is combustible. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed when not in use. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark).

Conditions for Safe Storage Store in a cool, dry place away from direct sunlight. Do not pressurize, cut, heat or weld containers – residual vapours are combustible. This product will fuel a fire in progress. Do not store in unlabelled containers. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks.

Incompatible Materials Natural rubber, butyl rubber, EPDM, polystyrene.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

National Exposure Standards The time weighted average concentration (TWA) for this product is: 1200mg/m³ (171ppm), which means the highest allowable exposure concentration in an eight hour day for a five day working week. The short term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time.

Biological Limit Values Not available.

Engineering Controls The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation if using in confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Respiratory Protection Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection Always use safety glasses or a face shield when handling this product.

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Skin/Body Protection Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colourless liquid
Boiling Point/Range	187°C – 216°C
Melting Point/Range	None specified
Flash Point	63°C
Density @ 15°C	0.792g/ml
Vapour Pressure @ 20°C	0.05kPa
Explosive Limits (LEL – UEL)	0.6% - 9.0%
Vapour Density @ 20°C	> 1.00kPa
Autoignition Temp	> 200°C
Viscosity @ 25°C	1.64cSt
Percent Volatiles	100%
Solubility with Water	< 0.10% w/w

10. STABILITY AND REACTIVITY

Stability	Stable at room temperature and pressure.
Conditions to Avoid	Sources of heat and ignition, open flames.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and other organic complexes on incomplete burning or oxidation.
Hazardous Reactions	Oxidizing agents, mineral acids, halogenated organic compounds.
Hazardous Polymerisation	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion	Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.
Eye Contact	This product is irritating to eyes, but will not permanently damage the eye tissue.
Skin Contact	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.
Inhalation	Inhalation of this product will yield moderate discomfort in large quantities. Vapour concentrations are irritating to nose and throat. Overexposure may be evident through dizziness, nausea, headaches and other central nervous system effects.
Chronic Effects	Repeated or prolonged contact may result in dryness or defatting of the skin.

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Other Health Effects Information Individuals with pre-existing skin conditions may be sensitive to this product.

Toxicological Information Oral LD₅₀: >5000mg/m³ (rat)
Dermal TC_{Lo}: LC₅₀: 4951mg/m³ (rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity Expected to be harmful to aquatic organisms. May cause long term adverse effects in the environment.

Persistence/Degradability This product will evaporate and commence degradation on exposure to light and air.

Mobility This product is highly volatile and will rapidly evaporate to the air if released into the water.

13. DISPOSAL CONSIDERATIONS

Disposal Methods Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

Special Precautions for Landfill or Incineration This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment.

Local Legislation Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

Transport Regulations

Not classified as dangerous for transport (ADG, IMDG, IATA)

15. REGULATORY INFORMATION

SUSMP Poison Schedule 5

AICS (Australia) To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Contact Person/Point Technical Information: (03) 9338 6655

Date of Preparation or last revision of SDS SDS reviewed: 14 September 2016

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists
ADG Code Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS Australian Inventory of Chemical Substances
CAS Number Chemical Abstracts Service Registry Number
GHS Globally Harmonised System of Classification and Labelling
HAZCHEM Code Emergency action code of numbers and letters which gives information to emergency services

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IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
mg/m³	Milligrams per Cubic Metre
NOHSC	National Occupational Health and Safety Commission
ppm	Parts Per Million
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS