

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	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:	MINERAL TURPENTINE
Company Name:	QUICK SMART PRODUCTS
Address:	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax:	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
Recommended Use:	Paint Solvent, Paint Thinner, Solvent

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature	Hazardous chemical according to classification by Safe Work Australia.
Dangerous Goods	Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

GHS Classification

Hazard Categories	Flammable Liquids: Category 3 Skin Corrosion/Irritation: Category 2 Serious Eye Damage/Irritation - Category 2A Specific Target Organ Toxicity - Repeated Exposure: Category 1 Specific Target Organ Toxicity - Single Exposure: Category 3 Aspiration Hazard: Category 1 Chronic Aquatic Toxicity: Category 2
--------------------------	--

GHS Label Elements

Signal Word DANGER

Symbol(s)



Hazard Statements	H226: Flammable liquid and vapour
	H304: May be fatal if swallowed and enters airways
	H315: Causes skin irritation
	H319: Causes serious eye irritation
	H412: Harmful to aquatic life with long lasting effects

Precautionary Statements

General	P101: If medical advice is needed, have product container or label at hand
	P102: Keep out of reach of children
	P103: Read label before use

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

Prevention	P210:	Keep away from heat/sparks/open flames/hot surfaces. No smoking
	P233	Keep container tightly closed
	P240:	Ground/bond container and receiving equipment
	P241:	Use explosion-proof electrical/ventilation/lighting equipment
	P242:	Use only non-sparking tools
	P243:	Take precautionary measures against static discharge
	P261:	Avoid breathing fume, gas, mist, vapours or spray.
	P264:	Wash thoroughly after handling
	P273:	Avoid release to the environment
	P271:	Use only outdoors or in a well-ventilated area
	P273:	Avoid release to the environment
	P280+P281:	Wear protective gloves, eye protection/face protection and other personal protection as required
Response	P301+P310:	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
	P302+P352:	If ON SKIN: Wash with plenty of soap and water
	P303+P361+P353:	If ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
	P304+P340:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
	P305+351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
	P312:	Call a POISON CENTER or doctor/physician if you feel unwell
	P314:	Get medical advice/attention if you feel unwell
	P331	Do NOT induce vomiting
	P332+P313:	If skin irritation occurs: Get medical advice/attention
	P337+P313:	If eye irritation persists: Get medical advice/attention
	P362:	Take off contaminated clothing and wash before reuse
	P370+P378:	In case of fire: Use foam/water spray/fog for extinction
	P391:	Collect spillage
Storage	P403+P235:	Store in a well-ventilated place. Keep cool
	P233:	Keep container tightly closed
	P405:	Store locked up

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Entity	CAS No	Proportion (%)
Low Aromatic White Spirit	64742-82-1	> 60
Solvent Naptha (petroleum) light arom.	64742-95-6	20 – 40
Contains < 0.1% w/w benzene		

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

Description of Necessary First Aid Measures

Inhaled	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	Immediately rinse mouth with water. If swallowed, DO NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Skin Contact	If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair thoroughly with running water, follow by washing with soap if available. If irritation occurs seek medical attention.
Eye Contact	If in eyes, immediately flush eyes with fresh water. Continue rinsing for several minutes. Ensure complete irrigation of the eye by holding the eyelids apart and away from the eye. If redness, burning, blurred vision, or swelling persist transport to nearest medical facility for additional treatment.
First Aid Facilities	Potable water should be available to rinse eyes or skin. Provide safety showers and eye wash facilities.

Symptoms Caused by Exposure

Inhalation	Breathing of high vapour concentrations may cause central nervous system depression.
Skin	May include itching and redness.
Eye	May include burning and temporary redness.
Ingestion	May cause mild gastrointestinal irritation.
Advice to Physician	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, water spray or fog. Dry chemical powder, carbon dioxide for small fires only. Do not use water in a jet.
Specific Hazards Arising from the Chemical	Flammable liquid and vapour. May form flammable mixtures with air. Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along the ground and distant ignition is possible.
Special Protective Equipment and Precautions for Firefighters	Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition. DO NOT approach containers suspected of being hot. May be violently or explosively reactive. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Hazchem Code	3[Y]

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid contact with spilled or released material. Shut off leaks, if possible, without personal risk. Avoid breathing vapour and avoid contact with skin and eyes. Wear appropriate protective equipment. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.
--	---

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

Environmental Precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

Methods and Materials for Containment and Cleaning Up

For small liquid spills (< 1 drum), transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material (sand, soil or other inert material) and dispose of safely. Remove contaminated soil and dispose of safely. For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely.

7. HANDLING AND STORAGE

Precautions for Safe Handling and Storage

Avoid breathing vapors or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Handle open containers in well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure Limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Do not store near strong oxidants. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

Dispensing

Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Flammability

Flammable.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards

Safe Work Australia has set an exposure standard of 480mg/m³ (90ppm) TWA (8hr).

Biological Limit Values

No biological limit allocated.

Personal Protective Equipment

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Respiratory Protection

If work practices do not maintain airborne levels below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point >65° Deg C). Respirators should comply with AS1716 or an equivalent approved by a State/Territory authority.

Hand Protection

Use solvent resistant gloves (nitrile for longer term protection or PVC and neoprene for incidental splashes).

Eye Protection

Wear safety goggles.

Protective Clothing

Use chemical resistant glove/gauntlets, boots and apron. Skin protection not ordinarily required beyond standard issue work clothes.

Engineering Controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless liquid
Odour	Aromatic
pH	N/A
Vapour Pressure (mmHg @ 20°C)	Typical 0.5kPa
Vapour Density (air=1)	4.35 @ 15° C
Boiling Point (°C)	Typical 148 – 200
Melting/Freezing Point (°C)	Data not available
Solubility in Water	Not miscible with water
Specific Gravity (g/ml @ 15°C)	0.78 – 0.82 Typical
Flashpoint (°C)	31 (Abel)
Flammability Limits (%)	0.7 - 6.5
Auto Ignition Temp (°C)	Typical 300
Percent Volatiles	100

10. STABILITY AND REACTIVITY

Stability	Product is stable under recommended conditions of use, storage and temperature. Flammable liquid.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Expected to be of low toxicity: LD50>2000mg/kg, Rat. May cause mild gastrointestinal reaction.
Serious Eye Damage/Irritation	Mild irritant. May cause burning and temporary redness.
Skin Corrosion/Irritation	Mild irritant. May cause itching and redness. Prolonged contact may cause defatting of skin which can lead to dermatitis.
Inhalation	Expected to be of low toxicity. LC50 greater than near-saturated vapour concentration 4 hours, Rat.
Specific Target Organ Toxicity (STOT) - Single Exposure	Data not available.

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

Specific Target Organ Toxicity (STOT) - Repeated Exposure

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.

Aspiration Hazard

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Fish Expected to be toxic: $1 < LC/EC/IC50 \leq 10$ mg/l

Aquatic Invertebrates Expected to be toxic: $1 < LC/EC/IC50 \leq 10$ mg/l

Algae Expected to be toxic: $1 < LC/EC/IC50 \leq 10$ mg/l

Microorganisms Expected to be toxic: $1 < LC/EC/IC50 \leq 10$ mg/l

Mobility

Floats on water.

Persistence/ Degradability

Readily biodegradable. Oxidises by photo-chemical reactions in air.

Bioaccumulation

Has the potential to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION



_Classified as Dangerous Goods for transport (ADG Code).

UN number 1300
Proper Shipping Name: Turpentine Substitute
Class 3
Subsidiary Risk None allocated
Packing group III
Hazchem Code 3Y
Special Precautions None
For User

15. REGULATORY INFORMATION

SUSMP Schedule Poisons Schedule 5

AICS (Australia) Listed

16. OTHER INFORMATION

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

Date of Preparation or last revision of SDS SDS reviewed: 3 September 2020

MINERAL TURPENTINE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MINERAL TURPENTINE	53 ASSEMBLY DRIVE
Manufacturers Code:	MT5, MT25, MT200	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

Abbreviations

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
g/cm³	Grams per Cubic Centimetre
g/L	Grams per Litre
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC	Lethal Concentration
LD	Lethal Dose
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. The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TLV	Threshold Limit Value
TWA	Time Weighted Average. The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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, or 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