

# D60 HYDROCARBON SOLVENT

## SAFETY DATA SHEET

|                     |                         |   |
|---------------------|-------------------------|---|
| MSDS No:            |                         | <b>QUICK SMART PRODUCTS</b>   |
| Product Name:       | D60 HYDROCARBON SOLVENT | <b>53 ASSEMBLY DRIVE</b>  |
| Manufacturers Code: | D6025                   | <b>TULLAMARINE VIC 3043</b>   |
| Date:               | September 2020          | ABN: 40 959 725 049   |
|                     |                         | Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598   |
|                     |                         | Email: <a href="mailto:gsmart@bigpond.net.au">gsmart@bigpond.net.au</a>               |
|                     |                         | Web: <a href="http://www.quicksmartproducts.com.au">www.quicksmartproducts.com.au</a> |

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                        |  |
|------------------------|--|
| <b>Product Name</b>    | D60 HYDROCARBON SOLVENT  |
| <b>Company Name</b>    | QUICK SMART PRODUCTS   |
| <b>Address</b>         | 53 Assembly Drive<br>Tullamarine Vic 3043                                      |
| <b>Telephone</b>       | (03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9336 7945 (AH) |
| <b>Recommended Use</b> | Industrial solvent: cleaning and degreasing                                    |

### 2. HAZARDS IDENTIFICATION

**Hazard Classification** This product is classified as hazardous under Australian GHS criteria.

**GHS Classification(s)** Flammable Liquids: 4  
Aspiration Toxicant: 1  
Skin Corrosion/Irritation: 3

#### 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 breathe dust/fume/gas/mist/vapours/spray.  
P262 Do not get in eyes, on skin, or on clothing.

##### Response

P301+312+101 IF SWALLOWED: Call a POISON CENTRE/doctor, if you feel unwell, and have product container or label at hand.

**Dangerous Goods Classification** Not Dangerous Goods

**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

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons. Show this safety data sheet to the doctor in attendance.

##### *Description of necessary measures according to routes of exposure*

|                             |   |
|-----------------------------|---|
| <b>Inhalation</b>           | Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical attention. |
| <b>Skin Contact</b>         | Remove contaminated clothing. Flush affected area with large amounts of water and wash area with soap if available. Seek medical attention for skin irritations.                                      |
| <b>Eye Contact</b>          | Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.   |
| <b>Ingestion</b>            | If swallowed DO NOT induce vomiting. Keep at rest. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.                                    |
| <b>First Aid Facilities</b> | Potable water should be available to rinse eyes or skin. 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.

|                         |   |
|-------------------------|---|
| <b>Advice to Doctor</b> | Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis. |
|-------------------------|---|

#### 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>General Measures</b>                               | 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. Prevent extinguishing media from escaping to drains and waterways. |
| <b>Suitable Extinguishing Media</b>                   | Dry chemical or foam.   |
| <b>Hazards from Combustion Products</b>               | Carbon dioxide and carbon monoxide.   |
| <b>Special Protective Equipment for Fire Fighters</b> | Wear self-contained breathing apparatus (SCBA) and full protective suit.  |
| <b>Hazchem Code</b>                                   | N/R   |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                |   |
|--------------------------------|---|
| <b>Personal Precautions</b>    | Clean up and reports spills immediately. Evacuate personnel to safe areas. Remove all sources of ignition in the surrounding area. Wear self-contained breathing apparatus and protective suit. Shut off leaks if possible without personal risk. Keep people away from and upwind of spill/leak. |
| <b>Environment Precautions</b> | Prevent liquid from spreading and entering sewers, watercourses, or low-lying areas using sand, earth or other appropriate barriers. Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.   |

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| Manufacturers Code:       | D6025                      |  |
| Date:                     | September 2020             |  |

### Methods for Cleaning Up

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Contain the spilled liquid with sand or earth.
- Recover by pumping - use explosion proof pump or hand pump - or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

## 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. Use only in well ventilated areas. Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed. 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 pressurise, 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 CONTROLS / PERSONAL PROTECTION

### National Exposure Standards

The time weighted average concentration (TWA) for this product is: 1200mg/m<sup>3</sup> (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 of confined spaces. Use explosion-proof ventilation equipment.

### Personal Protection 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.

#### Hand Protection

It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

#### Eye Protection

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

#### Protective Clothing

Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>Appearance</b>                 | Colourless Clear Liquid |
| <b>Boiling Point/Range</b>        | 187°C - 216°C           |
| <b>Flash Point</b>                | 63°C                    |
| <b>Density @ 15°C</b>             | 0.792g/ml               |
| <b>Vapour Pressure @ 20°C</b>     | 0.05kPa                 |
| <b>Explosive Limits (LEL-UEL)</b> | 0.6% - 9.0%             |
| <b>Vapour Density @ 20°C</b>      | > 1.00kPa               |
| <b>Autoignition Temp</b>          | > 200°C                 |
| <b>Viscosity @ 25°C</b>           | 1.64cSt                 |
| <b>Percent Volatiles</b>          | 100%                    |
| <b>Solubility in Water</b>        | < 0.10% w/w             |

### 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Chemical Stability</b>               | Stable at room temperature and pressure.  |
| <b>Conditions to Avoid</b>              | Sources of heat and ignition, open flames.  |
| <b>Hazardous Decomposition Products</b> | Carbon monoxide, carbon dioxide and other organic complexes on incomplete burning or oxidation. |
| <b>Hazardous Polymerisation</b>         | Will not occur.   |

### 11. TOXICOLOGICAL INFORMATION

#### Acute Effects

|   |   |
|---|---|
| <b>Ingestion</b>                        | 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. |
| <b>Eye Contact</b>                      | This product is irritating to eyes, but will not permanently damage the eye tissue.   |
| <b>Skin Contact</b>                     | This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.  |
| <b>Inhalation</b>                       | 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.  |
| <b>Chronic Effects</b>                  | Repeated or prolonged contact may result in dryness or defatting of the skin.   |
| <b>Other Health Effects Information</b> | Individuals with pre-existing skin conditions may be sensitive to this product.   |
| <b>Toxicological Information</b>        | Oral LD <sub>50</sub> : > 5000mg/m <sup>3</sup> (rat)<br>Dermal TC <sub>LO</sub> : LC50: 4951mg/m <sup>3</sup> (rat)  |

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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Aquatic Toxicity

Fish Toxicity (rainbow trout, goldfish, bluegill):  
LC<sub>50</sub>(96hr): Expected to be harmful to aquatic organisms. May cause long term adverse effects in the environment.

Daphnia Magna EC<sub>50</sub>(24hr): No data available.

Blue-green algae (Toxicity threshold 7-8 days): No data available.

Green algae (Toxicity threshold 7-8 days): No data available.

##### 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 Method

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

Classified as Non Dangerous Goods for transport (ADG, IMDG, IATA)

### 15. REGULATORY INFORMATION

SUSMP Poison 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 Created/Revised: 3 September 2020

#### 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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|                         |  |
|-------------------------|--|
| <b>IATA</b>             | International Air Transport Association                      |
| <b>IMDG</b>             | International Maritime Dangerous Goods                       |
| <b>mg/m<sup>3</sup></b> | Milligrams per Cubic Metre                                   |
| <b>NOHSC</b>            | National Occupational Health and Safety Commission           |
| <b>ppm</b>              | Parts Per Million  |
| <b>SDS</b>              | Safety Data Sheet  |
| <b>STEL</b>             | Short Term Exposure Limit                                    |
| <b>SUSMP</b>            | Standard for the Uniform Scheduling of Medicines and Poisons |
| <b>TWA</b>              | 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