



## Safety Data Sheet

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|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the Malaysia Occupational Safety and Health (Chemical Classification, Labelling and Safety Data Sheets) Regulations 2013.

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Quick Wax, 39034, 39034S

#### Product Identification Numbers

60-4550-6623-7      60-4550-6642-7      DC-2729-2487-9      DC-2729-2488-7      DC-2729-2489-5  
KS-9990-0682-2

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, ENHANCE APPEARANCE OF AUTOMOTIVE SURFACE

For Industrial or Professional use only

#### 1.3. Supplier's details

**ADDRESS:** 3M Malaysia Sdn. Bhd., Level 8, Block F, Oasis Square, No.2, Jalan PJU 1A/7A, Ara Damansara 47301  
Petaling, Jaya, Selangor  
**Telephone:** 03-7884 2888  
**E Mail:** 3mmyehsr@mmm.com  
**Website:** www.3M.com.my

#### 1.4. Emergency telephone number

+60 03-7884 2888

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Not classified as hazardous according to Occupational Safety and Health (Chemical Classification, Labelling and Safety Data Sheets) Regulations 2013.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

**Pictograms**

Not applicable.

**2.3. Other hazards**

None known

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

| Ingredient        | C.A.S. No. | % by Wt  |
|-------------------|------------|----------|
| Water             | 7732-18-5  | 60 - 100 |
| Isopropyl Alcohol | 67-63-0    | 0.81 0.9 |

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation:**

No need for first aid is anticipated.

**Skin Contact:**

No need for first aid is anticipated.

**Eye Contact:**

No need for first aid is anticipated.

**If Swallowed:**

No need for first aid is anticipated.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures**

**5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

**Hazardous Decomposition or By-Products**

**Substance**

Carbon monoxide

Carbon dioxide

**Condition**

During Combustion

During Combustion

**5.3. Special protective actions for fire-fighters**

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Observe precautions from other sections.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Avoid release to the environment.

### 7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient        | C.A.S. No. | Agency        | Limit type                                   | Additional Comments            |
|-------------------|------------|---------------|--|--------------------------------|
| Isopropyl Alcohol | 67-63-0    | ACGIH         | TWA:200 ppm;STEL:400 ppm                     | A4: Not class. as human carcin |
| Isopropyl Alcohol | 67-63-0    | Malaysia OELs | TWA(8 hours):983 mg/m <sup>3</sup> (400 ppm) |                                |

ACGIH : American Conference of Governmental Industrial Hygienists

CMRG : Chemical Manufacturer's Recommended Guidelines

Malaysia OELs : Malaysia. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

No engineering controls required.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

Eye protection not required.

##### Skin/hand protection

No chemical protective gloves are required.

### Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                    | Liquid   |
| Color   | Brown, Tan   |
| Odor  | Slight Solvent   |
| Odor threshold                                    | <i>No Data Available</i>                               |
| pH  | 8.5 - 9.2  |
| Melting point/Freezing point                      | <i>Not Applicable</i>                                  |
| Boiling point/Initial boiling point/Boiling range | 100 °C   |
| Flash Point                                       | > 100 °C [Test Method:Closed Cup]                      |
| Evaporation rate                                  | <i>No Data Available</i>                               |
| Flammability (solid, gas)                         | Not Applicable   |
| Flammable Limits(LEL)                             | <i>No Data Available</i>                               |
| Flammable Limits(UEL)                             | <i>No Data Available</i>                               |
| Vapor Pressure                                    | <i>No Data Available</i>                               |
| Vapor Density                                     | <i>No Data Available</i>                               |
| Density   | 0.985 - 1 g/ml   |
| Relative Density                                  | 0.985 - 1 [Ref Std:WATER=1]                            |
| Water solubility                                  | Complete   |
| Solubility- non-water                             | <i>No Data Available</i>                               |
| Partition coefficient: n-octanol/ water           | <i>No Data Available</i>                               |
| Autoignition temperature                          | <i>No Data Available</i>                               |
| Decomposition temperature                         | <i>No Data Available</i>                               |
| Viscosity   | 1 - 20 mPa-s   |
| Molecular weight                                  | <i>No Data Available</i>                               |
| Volatile Organic Compounds                        | 12 g/l [Test Method:calculated SCAQMD rule 443.1]      |
| Volatile Organic Compounds                        | 1.2 % weight [Test Method:calculated per CARB title 2] |
| Percent volatile                                  | 99 % weight  |
| VOC Less H2O & Exempt Solvents                    | 379 g/l [Test Method:calculated SCAQMD rule 443.1]     |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

##### Substance

##### Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

##### **Inhalation:**

No known health effects.

##### **Skin Contact:**

Contact with the skin during product use is not expected to result in significant irritation.

##### **Eye Contact:**

Contact with the eyes during product use is not expected to result in significant irritation.

##### **Ingestion:**

No known health effects.

#### **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### **Acute Toxicity**

| Name              | Route                      | Species | Value  |
|-------------------|----------------------------|---------|--|
| Overall product   | Ingestion                  |         | No data available; calculated ATE >5,000 mg/kg |
| Isopropyl Alcohol | Dermal                     | Rabbit  | LD50 12,870 mg/kg                              |
| Isopropyl Alcohol | Inhalation-Vapor (4 hours) | Rat     | LC50 72.6 mg/l                                 |
| Isopropyl Alcohol | Ingestion                  | Rat     | LD50 4,710 mg/kg                               |

ATE = acute toxicity estimate

#### **Skin Corrosion/Irritation**

| Name              | Species                 | Value                     |
|-------------------|-------------------------|---------------------------|
| Isopropyl Alcohol | Multiple animal species | No significant irritation |

#### **Serious Eye Damage/Irritation**

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| Name              | Species | Value           |
|-------------------|---------|-----------------|
| Isopropyl Alcohol | Rabbit  | Severe irritant |

**Skin Sensitization**

| Name              | Species    | Value          |
|-------------------|------------|----------------|
| Isopropyl Alcohol | Guinea pig | Not classified |

**Respiratory Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity**

| Name              | Route    | Value         |
|-------------------|----------|---------------|
| Isopropyl Alcohol | In Vitro | Not mutagenic |
| Isopropyl Alcohol | In vivo  | Not mutagenic |

**Carcinogenicity**

| Name              | Route      | Species | Value  |
|-------------------|------------|---------|--|
| Isopropyl Alcohol | Inhalation | Rat     | Some positive data exist, but the data are not sufficient for classification |

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

| Name              | Route      | Value                          | Species | Test Result         | Exposure Duration    |
|-------------------|------------|--------------------------------|---------|---------------------|----------------------|
| Isopropyl Alcohol | Ingestion  | Not classified for development | Rat     | NOAEL 400 mg/kg/day | during organogenesis |
| Isopropyl Alcohol | Inhalation | Not classified for development | Rat     | LOAEL 9 mg/l        | during gestation     |

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

| Name              | Route      | Target Organ(s)                   | Value  | Species    | Test Result         | Exposure Duration      |
|-------------------|------------|-----------------------------------|--|------------|---------------------|------------------------|
| Isopropyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human      | NOAEL Not available |                        |
| Isopropyl Alcohol | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL Not available |                        |
| Isopropyl Alcohol | Inhalation | auditory system                   | Not classified   | Guinea pig | NOAEL 13.4 mg/l     | 24 hours               |
| Isopropyl Alcohol | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human      | NOAEL Not available | poisoning and/or abuse |

**Specific Target Organ Toxicity - repeated exposure**

| Name              | Route      | Target Organ(s)       | Value          | Species | Test Result         | Exposure Duration |
|-------------------|------------|-----------------------|----------------|---------|---------------------|-------------------|
| Isopropyl Alcohol | Inhalation | kidney and/or bladder | Not classified | Rat     | NOAEL 12.3 mg/l     | 24 months         |
| Isopropyl Alcohol | Inhalation | nervous system        | Not classified | Rat     | NOAEL 12 mg/l       | 13 weeks          |
| Isopropyl Alcohol | Ingestion  | kidney and/or bladder | Not classified | Rat     | NOAEL 400 mg/kg/day | 12 weeks          |

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labeling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### 12.1. Toxicity

#### Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

#### Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available

| Material          | Cas #   | Organism    | Type         | Exposure | Test Endpoint            | Test Result  |
|-------------------|---------|-------------|--------------|----------|--------------------------|--------------|
| Isopropyl Alcohol | 67-63-0 | Crustacea   | Experimental | 24 hours | Lethal Concentration 50% | >10,000 mg/l |
| Isopropyl Alcohol | 67-63-0 | Green Algae | Experimental | 72 hours | Effect Concentration 50% | >1,000 mg/l  |
| Isopropyl Alcohol | 67-63-0 | Ricefish    | Experimental | 96 hours | Lethal Concentration 50% | >100 mg/l    |
| Isopropyl Alcohol | 67-63-0 | Water flea  | Experimental | 48 hours | Effect Concentration 50% | >1,000 mg/l  |
| Isopropyl Alcohol | 67-63-0 | Green algae | Experimental | 72 hours | No obs Effect Conc       | 1,000 mg/l   |
| Isopropyl Alcohol | 67-63-0 | Water flea  | Experimental | 21 days  | No obs Effect Conc       | 100 mg/l     |

### 12.2. Persistence and degradability

| Material          | CAS No. | Test Type                   | Duration | Study Type               | Test Result    | Protocol             |
|-------------------|---------|-----------------------------|----------|--------------------------|----------------|----------------------|
| Isopropyl Alcohol | 67-63-0 | Experimental Biodegradation | 14 days  | Biological Oxygen Demand | 86 % BOD/ThBOD | OECD 301C - MITI (I) |

### 12.3. Bioaccumulative potential

| Material          | CAS No. | Test Type                     | Duration | Study Type                                  | Test Result | Protocol      |
|-------------------|---------|-------------------------------|----------|---|-------------|---------------|
| Isopropyl Alcohol | 67-63-0 | Experimental Bioconcentration |          | Log of Octanol/H <sub>2</sub> O part. coeff | 0.05        | Other methods |

### 12.4. Mobility in soil

Please contact manufacturer for more details

#### 12.5 Other adverse effects

No information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

According to the Environmental Quality (Scheduled Wastes) Regulations 2005, scheduled waste has to be sent to a prescribed premise for recycling, treatment or disposal. Please approach Kualiti Alam for proper schedule waste classification and disposal.

### SECTION 14: Transport Information

Not hazardous for transportation.

#### Marine Transport (IMDG)

**UN Number:**None assigned.

**Proper Shipping Name:**None assigned.

**Technical Name:**None assigned.

**Hazard Class/Division:**None assigned.

**Subsidiary Risk:**None assigned.

**Packing Group:**None assigned.

**Limited Quantity:**None assigned.

**Marine Pollutant:** None assigned.

**Marine Pollutant Technical Name:** None assigned.

**Other Dangerous Goods Descriptions:**

None assigned.

#### Air Transport (IATA)

**UN Number:**None assigned.

**Proper Shipping Name:**None assigned.

**Technical Name:**None assigned.

**Hazard Class/Division:**None assigned.

**Subsidiary Risk:**None assigned.

**Packing Group:**None assigned.

**Limited Quantity:**None assigned.

**Marine Pollutant:** None assigned.

**Marine Pollutant Technical Name:** None assigned.

**Other Dangerous Goods Descriptions:**

None assigned.

Transportation classifications are provided as a customer service. As for shipping, YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling or marking requirements. The above information is only for reference. If you are shipping by air or ocean, YOU are advised to check & meet applicable regulatory requirements.

### SECTION 15: Regulatory information



### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Global inventory status**

Contact 3M for more information. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

## **SECTION 16: Other information**

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M Malaysia SDSs are available at [www.3M.com.my](http://www.3M.com.my)**