



Safety Data Sheet

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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.

IDENTIFICATION

1.1. Product identifier

3M™ Power Tools with Air Tool Lubricant, Back-up Pads; Elite's

Product Identification Numbers

44-0400-0014-1	44-0400-0015-8	44-0400-0016-6	44-0400-0017-4	60-4100-1356-3
60-4100-1357-1	60-4100-1358-9	60-4100-1359-7	60-4100-1360-5	60-4100-1361-3
60-4100-1362-1	60-4100-1363-9	60-4100-1364-7	60-4100-1365-4	60-4100-1366-2
60-4100-1367-0	60-4100-1368-8	60-4100-1369-6	60-4100-1370-4	60-4100-1371-2
60-4100-1372-0	60-4100-1373-8	60-4100-1374-6	60-4100-1375-3	60-4100-1376-1
60-4100-1377-9	60-4100-1378-7	60-4100-1379-5	60-4100-1380-3	60-4100-1381-1
60-4100-1382-9	60-4100-1383-7	60-4100-1384-5	60-4100-1385-2	60-4100-1386-0
60-4100-1387-8	60-4100-1388-6	60-4100-1389-4	60-4100-1390-2	60-4401-2691-4
60-4401-2699-7	60-4401-2703-7	60-4401-2804-3	60-4401-2805-0	60-4401-7907-9
60-4401-7916-0	60-4401-7918-6	60-4401-7919-4	60-4401-7920-2	60-4401-7953-3
60-4402-3636-6	60-4402-3637-4	60-4402-3638-2	60-4402-3639-0	60-4402-3668-9
60-4402-3669-7	60-4402-3819-8	60-4402-3820-6	60-4402-3821-4	60-4402-3822-2
60-4402-3823-0	60-4402-3824-8	60-4402-3825-5	60-4402-3826-3	60-4402-3827-1
60-4402-3828-9	60-4402-3829-7	60-4402-3830-5	60-4402-3831-3	60-4402-3832-1
60-4402-3833-9	60-4402-3834-7	60-4402-3845-3	60-4402-3847-9	60-4402-4022-8
60-4402-4023-6	60-4402-4024-4	60-4402-4025-1	60-4402-4033-5	60-4402-4119-2
60-4402-4120-0	DC-2729-2682-5	DC-2729-2683-3	DC-2729-2684-1	DC-2729-2685-8
DC-2729-2686-6	DC-2729-2687-4	DC-2729-2688-2	DC-2729-2689-0	DC-2729-2690-8
DC-2729-2691-6	DC-2729-2692-4	DC-2729-2693-2	DC-2729-2694-0	DC-2729-2695-7
DC-2729-2696-5	DC-2729-2697-3	DC-2729-2698-1	DC-2729-2699-9	DC-2729-2700-5
DC-2729-2701-3	DC-2729-2702-1	DC-2729-2703-9	DC-2729-2704-7	DC-2729-2705-4
DC-2729-2706-2	DC-2729-2707-0	DC-2729-2708-8	DC-2729-2709-6	DC-2729-2710-4
HC-0005-9257-2	HC-0005-9259-8	HC-0005-9263-0	HC-0005-9265-5	HC-0005-9266-3
HC-0005-9850-4	HC-0005-9852-0	HC-0006-3042-2	HC-0006-3043-0	HC-0006-3044-8
HC-0006-3117-2	HC-0006-3118-0	HC-0006-3120-6	HC-0006-3121-4	HC-0006-3177-6
HC-0006-3178-4	HC-0006-3179-2	HC-0006-3180-0	HC-0006-3181-8	HC-0006-3182-6
HC-0006-3184-2	HC-0006-3185-9	HC-0006-3187-5	XN-0042-1161-3	XN-0042-1162-1
XN-0042-1286-8	XN-0042-1290-0	XN-0042-1291-8	XN-0042-1294-2	

1.2. Recommended use and restrictions on use

Recommended use

Power Tools and Tool Lubricant for use with abrasives

1.3. Supplier's details

3M™ Power Tools with Air Tool Lubricant, Back-up Pads; Elite's

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

This product is a kit or a multipart product which consists of multiple, independently packaged components. An SDS for each of these components is included. Please do not separate the component SDSs from this cover page. The document numbers of the SDSs for components of this product are:

23-4623-7

TRANSPORT INFORMATION

This product is a kit that consists of two or more different regulated materials packed in the same outer packaging (ship unit). The transportation classifications of the individual components appear in Section 14 of the attached SDSs.

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.

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3M Malaysia SDSs are available at www.3M.com.my



Safety Data Sheet

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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™ Air Tool Lubricant

Product Identification Numbers

LA-B100-1050-2 60-4401-2828-2 60-4401-2833-2 60-4401-2834-0 XC-0004-6950-9
XC-0004-6970-7 XC-0004-6980-6

1.2. Recommended use and restrictions on use

Recommended use

Tool Lubricant

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

Acute Toxicity (inhalation): Category 4.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark |

Pictograms

**Hazard Statements**

H332 Harmful if inhaled.

Precautionary statements**General:**

P102 Keep out of reach of children.
 P101 If medical advice is needed, have product container or label at hand.

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P271 Use only outdoors or in a well-ventilated area.

2.3. Other hazards

May cause drowsiness or dizziness.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
Petroleum Oils	64742-47-8	45 - 95
Petroleum Oils	64742-53-6	45 - 95
TRIPHENYL PHOSPHATE	115-86-6	< 0.5
Petroleum Distillates	64742-65-0	< 1
Additive	68937-41-7	< 0.5
Petroleum Salt	Trade Secret	< 0.5
Lubricating Oils	85535-86-0	< 5
Sulphide Additive	68425-15-0	< 5

SECTION 4: First aid measures

4.1. Description of first aid measures**Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

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 carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

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. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial or professional use only. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents.

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
TRIPHENYL PHOSPHATE	115-86-6	ACGIH	TWA:3 mg/m ³	A4: Not class. as human carcin
TRIPHENYL PHOSPHATE	115-86-6	Malaysia OELs	TWA(8 hours):3 mg/m ³	
Kerosine (petroleum)	64742-47-8	ACGIH	TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m ³	A3: Confirmed animal carcin., Skin Notation
Petroleum Oils	64742-47-8	CMRG	TWA:165 ppm	
OIL MIST, MINERAL	64742-53-6	Malaysia OELs	TWA(as mist)(8 hours):5 mg/m ³	
Petroleum Oils	64742-53-6	CMRG	TWA:5 mg/m ³	
OIL MIST, MINERAL	64742-65-0	Malaysia OELs	TWA(as mist)(8 hours):5 mg/m ³	
Petroleum Distillates	64742-65-0	CMRG	TWA:5 mg/m ³ ;STEL:10 mg/m ³	

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

CELL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance/Odor	Mild petroleum odor, clear light amber liquid
Odor threshold	<i>No Data Available</i>
pH	<i>No Data Available</i>
Melting point/Freezing point	<i>Not Applicable</i>
Boiling point/Initial boiling point/Boiling range	230 °C
Flash Point	138 °C [<i>Test Method: Pensky-Martens Closed Cup</i>]
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	<i>No Data Available</i>
Relative Density	0.88 [<i>@ 20 °C</i>] [<i>Ref Std: WATER=1</i>]
Water solubility	Nil
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	35.4 mm ² /sec [<i>@ 40 °C</i>] [<i>Test Method: Tested per ASTM protocol</i>] [<i>Details: 10 wt. D-445</i>]
Viscosity	6.1 mm ² /sec [<i>@ 100 °C</i>] [<i>Test Method: Tested per ASTM protocol</i>] [<i>Details: 10 wt. D-445</i>]
Volatile Organic Compounds	0.03 lb/gal
Percent volatile	0.40 %
VOC Less H₂O & Exempt Solvents	4.00 g/l

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

Sparks and/or flames

10.5. Incompatible materials

Strong oxidizing agents
Reducing agents
Strong acids

10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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:

Harmful if inhaled. Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause target organ effects after inhalation.

Skin Contact:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:

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

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause target organ effects after ingestion.

Target Organ Effects:

Single exposure may cause:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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.

3M™ Air Tool Lubricant**Acute Toxicity**

Name	Route	Species	Value
Overall product	Inhalation-Dust/Mist(4 hr)		No data available; calculated ATE 1 - 5 mg/l
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg
Petroleum Oils	Dermal	Rabbit	LD50 > 2,000 mg/kg
Petroleum Oils	Dermal	Rabbit	LD50 > 3,160 mg/kg
Petroleum Oils	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3.0 mg/l
Petroleum Oils	Inhalation-Dust/Mist (4 hours)	Rat	LC50 2.2 mg/l
Petroleum Oils	Ingestion	Rat	LD50 > 5,000 mg/kg
Petroleum Distillates	Dermal	Rabbit	LD50 > 5,000 mg/kg
Petroleum Salt	Dermal	Rabbit	LD50 > 2,400 mg/kg
Petroleum Distillates	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 4 mg/l
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Petroleum Salt	Ingestion	Rat	LD50 > 12,000 mg/kg
TRIPHENYL PHOSPHATE	Dermal	Rabbit	LD50 > 7,900 mg/kg
TRIPHENYL PHOSPHATE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 50 mg/l
TRIPHENYL PHOSPHATE	Ingestion	Rat	LD50 > 3,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Petroleum Oils	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
Petroleum Oils	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
Petroleum Oils	Guinea pig	Not sensitizing

Respiratory Sensitization

Name	Species	Value
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Germ Cell Mutagenicity

Name	Route	Value
Petroleum Oils	In Vitro	Not mutagenic
Petroleum Oils	In Vitro	Some positive data exist, but the data are not sufficient for classification
Petroleum Oils	In vivo	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Petroleum Oils	Dermal	Mouse	Not carcinogenic
Petroleum Oils	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification

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

3M™ Air Tool Lubricant

Name	Route	Value	Species	Test Result	Exposure Duration
Petroleum Oils	Ingestion	Not toxic to female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
Petroleum Oils	Ingestion	Not toxic to male reproduction	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
Petroleum Oils	Dermal	Not toxic to development	Rat	NOAEL 2,000 mg/kg/day	during gestation
Petroleum Oils	Ingestion	Not toxic to development	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
Petroleum Oils	Dermal	Some positive male reproductive data exist, but the data are not sufficient for classification	Rabbit	NOAEL 1,000 mg/kg/day	28 days

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

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Petroleum Oils	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Petroleum Oils	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
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Aspiration Hazard

Name	Value
Petroleum Oils	Aspiration hazard

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
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3M™ Air Tool Lubricant

Additive	68937-41-7	Fathead Minnow	Estimated	96 hours	Lethal Concentration 50%	3.08 mg/l
Petroleum Salt	Trade Secret		Data not available or insufficient for classification			
Lubricating Oils	85535-86-0		Data not available or insufficient for classification			
Sulphide Additive	68425-15-0		Data not available or insufficient for classification			
Petroleum Distillates	64742-65-0		Data not available or insufficient for classification			
TRIPHENYL PHOSPHATE	115-86-6	Water flea	Experimental	48 hours	Effect Concentration 50%	1 mg/l
TRIPHENYL PHOSPHATE	115-86-6	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	0.85 mg/l
TRIPHENYL PHOSPHATE	115-86-6	Green algae	Experimental	72 hours	Effect Concentration 50%	4 mg/l
TRIPHENYL PHOSPHATE	115-86-6	Green algae	Experimental	72 hours	No obs Effect Conc	0.98 mg/l
TRIPHENYL PHOSPHATE	115-86-6	Fathead Minnow	Experimental	90 days	No obs Effect Conc	0.087 mg/l
TRIPHENYL PHOSPHATE	115-86-6	Water flea	Experimental	21 days	No obs Effect Conc	0.25 mg/l
Petroleum Oils	64742-47-8		Data not available or insufficient for classification			
Petroleum Oils	64742-53-6	Water flea	Experimental	48 hours	Effect Concentration 50%	>100 mg/l
Petroleum Oils	64742-53-6	Green algae	Experimental	96 hours	Effect Concentration 50%	>100 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
TRIPHENYL PHOSPHATE	115-86-6	Experimental Hydrolysis		Hydrolytic half-life	19 days (t 1/2)	Other methods
Additive	68937-41-7	Experimental Biodegradation	26 days	Dissolv. Organic Carbon Deplet	94.3 % weight	OECD 301A - DOC Die Away Test
Petroleum Salt	Trade Secret	Data not available or	N/A	N/A	N/A	N/A

3M™ Air Tool Lubricant

		insufficient for classification				
Petroleum Distillates	64742-65-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
TRIPHENYL PHOSPHATE	115-86-6	Experimental Biodegradation	28 days	Biological Oxygen Demand	90 % weight	OECD 301C - MITI (I)
Petroleum Oils	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum Oils	64742-53-6	Experimental Biodegradation	28 days	Biological Oxygen Demand	42 % weight	OECD 301F - Manometric Respiro
Lubricating Oils	85535-86-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sulphide Additive	68425-15-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Petroleum Distillates	64742-65-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum Oils	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Additive	68937-41-7	Estimated Bioconcentration		Bioaccumulation Factor	13.4	Est: Bioconcentration factor
Petroleum Salt	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
TRIPHENYL PHOSPHATE	115-86-6	Experimental BCF - Rainbow Tr	90 days	Bioaccumulation Factor	271	Other methods
Lubricating Oils	85535-86-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum Oils	64742-53-6	Experimental Bioconcentration		Log of Octanol/H ₂ O part. coeff	5.07	Other methods
Sulphide Additive	68425-15-0	Data not available or	N/A	N/A	N/A	N/A

3M™ Air Tool Lubricant

		insufficient for classification				
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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.

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