Safety Data Sheet

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Document group:	42-3301-1	**Version number:**	2.01
Revision date:	18/11/2025	**Supersedes date:**	28/03/2025
Transportation version number:			

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Electrical kits containing Lubricant P55/2

Product Identification Numbers
UU-0092-6248-4 UU-0129-1111-9

7100155059 7100327375

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Electrical

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
Telephone: +44 (0)1344 858 000
E Mail: ner-productstewardship@mmm.com

Website: www.3M.com/uk

1.4. Emergency telephone number
+44 (0)1344 858 000

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the MSDSs for components of this product are:

21-5928-3

TRANSPORTATION INFORMATION

Refer to section 14 of the kit components for transport information.

KIT LABEL

2.1. Classification of the substance or mixture
The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

CLASSIFICATION:
Skin Sensitization, Category 1 - Skin Sens. 1; H317
Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

For full text of H phrases, see Section 16.

2.2. Label elements
The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

SIGNAL WORD
WARNING.

Symbols
GHS07 (Exclamation mark) |GHS09 (Environment) |

Pictograms



Contains:
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol

HAZARD STATEMENTS:

H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P273	Avoid release to the environment.
P280E	Wear protective gloves.

Response:

P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P391	Collect spillage.

Refer to Safety Data Sheet for component % unknown values (www.3M.com/msds).

Revision information:
No revision information

Safety Data Sheet

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Document group:	21-5928-3	**Version number:**	3.00
Revision date:	13/03/2025	**Supersedes date:**	29/01/2024

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Lubricant P55/2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Used as a component for splicing kits. Lubricant for power cables.

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
Telephone: +44 (0)1344 858 000
E Mail: tox.uk@mmm.com
Website: www.3M.com/uk

1.4. Emergency telephone number
+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:
Skin Sensitization, Category 1 - Skin Sens. 1; H317
Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

For full text of H phrases, see Section 16.

2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

SIGNAL WORD
WARNING.

Symbols
GHS07 (Exclamation mark) |GHS09 (Environment) |

Pictograms



Ingredient	CAS Nbr	EC No.	% by Wt
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol		946-010-7	1 - 5

HAZARD STATEMENTS:

H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P273	Avoid release to the environment.
P280E	Wear protective gloves.

Response:

P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P391	Collect spillage.

For containers not exceeding 125 ml the following Hazard and Precautionary statements may be used:

<=125 ml Hazard statements

H317	May cause an allergic skin reaction.

<=125 ml Precautionary statements

Prevention:

P280E	Wear protective gloves.

Response:

P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

12% of the mixture consists of components of unknown acute oral toxicity.

2.3. Other hazards

Contains a substance that meets the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII, as amended by UK REACH Regulations SI 2019/758

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

Ingredient	Identifier(s)	%	Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB
Phosphorothioic acid, O,O,O-triphenyl ester	(CAS-No.) 597-82-0 (EC-No.) 209-909-9 (UK REACH-No.) 01-2119979545-21	< 2.5	Aquatic Chronic 1, H410,M=10
LITHIUM 12-HYDROXYSTEARATE	(CAS-No.) 7620-77-1 (EC-No.) 231-536-5 (UK REACH-No.) 01-2119970893-23	< 10	Substance not classified as hazardous
NONANEDIOIC ACID, DILITHIUM SALT	(CAS-No.) 38900-29-7 (EC-No.) 254-184-4 (UK REACH-No.) 01-2120119814-57	1 - 5	Acute Tox. 4, H302
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	(EC-No.) 946-010-7 (UK REACH-No.) 01-2120770934-44	1 - 5	Skin Sens. 1A, H317 Aquatic Chronic 3, H412

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

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
The most important symptoms and effects based on the GB CLP classification include:
Allergic skin reaction (redness, swelling, blistering, and itching).

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

Not applicable

SECTION 5: Fire-fighting measures

5.1. 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	Condition
Hydrocarbons.	During combustion.
Carbon monoxide	During combustion.
Carbon dioxide.	During combustion.
Oxides of nitrogen.	During combustion.

5.3. Advice 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
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

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

6.3. Methods and material for containment and cleaning up
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 authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections
Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid breathing dust/fume/gas/mist/vapours/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. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising

agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminium, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

7.2. Conditions for safe storage including any incompatibilities
Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)
See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits
No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values
No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

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/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
None required.

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.
As a good industrial hygiene practice:
Wear protective gloves.
Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.
Gloves made from the following material(s) are recommended:

Material	Thickness (mm)	Breakthrough Time
Polymer laminate	No data available	No data available

Applicable Norms/Standards
Use gloves tested to EN 374

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

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Paste
Colour	Beige
Odor	Characteristic Musty
Odour threshold	*No data available.*
Melting point/freezing point	*No data available.*
Boiling point/boiling range	*No data available.*
Flammability	Not applicable.
Flammable Limits(LEL)	*No data available.*
Flammable Limits(UEL)	*No data available.*
Flash point	*Not applicable.*
Autoignition temperature	*No data available.*
Decomposition temperature	*No data available.*
pH	*substance/mixture is non-soluble (in water)*
Kinematic Viscosity	*Not applicable.*
Water solubility	Nil
Solubility- non-water	*No data available.*
Partition coefficient: n-octanol/water	*No data available.*
Vapour pressure	<=0.1 Pa [*Details:*20°C]
Density	0.97 g/cm3
Relative density	*No data available.*
Relative Vapour Density	*No data available.*
Particle Characteristics	*Not applicable.*

9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic Compounds *No data available.*

Evaporation rate *No data available.*

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

High shear and high temperature conditions

10.5 Incompatible materials

Alkali and alkaline earth metals.
Finely divided active metals

Reactive metals
Strong acids.
Strong oxidising agents.

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 agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

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. 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
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	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Dermal	Rat	LD50 > 2,000 mg/kg
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Ingestion	Rat	LD50 > 2,000 mg/kg
NONANEDIOIC ACID, DILITHIUM SALT	Ingestion	Rat	LD50 2,000 mg/kg
NONANEDIOIC ACID, DILITHIUM SALT	Dermal	similar compounds	LD50 > 2,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value

Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	In vitro data	No significant irritation
NONANEDIOIC ACID, DILITHIUM SALT	In vitro data	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	In vitro data	No significant irritation
NONANEDIOIC ACID, DILITHIUM SALT	Rabbit	Mild irritant

Skin Sensitisation

Name	Species	Value
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Mouse	Sensitising
NONANEDIOIC ACID, DILITHIUM SALT	similar compounds	Not classified

Respiratory Sensitisation

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

Germ Cell Mutagenicity

Name	Route	Value
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	In Vitro	Not mutagenic
NONANEDIOIC ACID, DILITHIUM SALT	In Vitro	Not mutagenic

Carcinogenicity

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

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	29 days
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Ingestion	Not classified for development	Rat	NOAEL 300 mg/kg/day	premating into lactation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

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

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	Ingestion	endocrine system | gastrointestinal tract | liver | immune system | heart | hematopoietic	Not classified	Rat	NOAEL 1,000 mg/kg/day	29 days

		system | nervous system				

Aspiration Hazard
For the component/components, either no data is currently available or the data is 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.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

Material	CAS #	Organism	Type	Exposure	Test endpoint	Test result
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Zebra Fish	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Rainbow trout	Experimental	97 days	NOEC	0.0017 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Water flea	Experimental	21 days	No tox obs at lmt of water sol	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Activated sludge	Experimental	3 hours	IC50	>100 mg/l
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Redworm	Experimental	56 days	NOEC	500 mg/kg (Dry Weight)
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Soil microbes	Experimental	28 days	EC10	>1,000 mg/kg (Dry Weight)
LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Green algae	Experimental	72 hours	EL50	>100 mg/l
LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Rainbow trout	Experimental	96 hours	LL50	>100 mg/l
LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Water flea	Experimental	48 hours	EL50	>100 mg/l
LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Green algae	Experimental	72 hours	NOEL	100 mg/l

Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Algae or other aquatic plants	Analogous Compound	72 hours	ErC50	56 mg/l
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Golden Orfe	Analogous Compound	96 hours	LC50	2,100 mg/l
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Activated sludge	Analogous Compound	30 minutes	EC50	>10,000 mg/l
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Common Carp	Experimental	96 hours	LC50	>100 mg/l
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Green algae	Experimental	72 hours	ErC50	>100 mg/l
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Water flea	Experimental	48 hours	EC50	>100 mg/l
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Green algae	Experimental	72 hours	ErC10	>100 mg/l

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental Biodegradation	29 days	CO2 evolution	19.3 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental Aquatic Inherent Biodegrad.	28 days	Dissolv. Organic Carbon Deplet	59.5 %removal of DOC	OECD 302B Zahn-Wellens/EVPA
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	102.4 days (t 1/2)	OECD 111 Hydrolysis func of pH
LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Experimental Biodegradation	28 days	BOD	78 %BOD/ThOD	OECD 301C - MITI test (I)
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Analogous Compound Biodegradation	28 days	BOD	32 %BOD/ThOD	OECD 301D - Closed bottle test
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Analogous Compound Biodegradation	28 days	BOD	78 %BOD/ThOD	OECD 301C - MITI test (I)

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental BCF - Fish	49 days	Bioaccumulation factor	2508	
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental Bioconcentration		Log Kow	5.0	OECD 117 log Kow HPLC method

LITHIUM 12-HYDROXYSTEARATE	7620-77-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Analogous Compound BCF - Fish			30	
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Modeled Bioconcentration		Log Kow	7.5	Episuite™
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Experimental Bioconcentration		Log Kow	-3.3	OECD 107 log Kow shke flsk mtd

12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Experimental Mobility in Soil	Koc	204,000 l/kg	OECD 106 Adsp-Desb Batch Equil
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7	Modeled Mobility in Soil	Koc	5,600 l/kg	Episuite™
NONANEDIOIC ACID, DILITHIUM SALT	38900-29-7	Modeled Mobility in Soil	Koc	11 l/kg	Episuite™

12.5. Results of the PBT and vPvB assessment

Ingredient	CAS Nbr	PBT/vPvB status
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	Meets UK REACH PBT criteria

12.6. Other adverse effects

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

070699 Wastes not otherwise specified

SECTION 14: Transportation information

	Ground Transport (ADR)	Air Transport (IATA)	Marine Transport (IMDG)
14.1 UN number	UN3082	UN3082	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((REACTION PRODUCTS OF DIPHENYLAMINE WITH 2,4,4-TRIMETHYLPENTENE))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((REACTION PRODUCTS OF DIPHENYLAMINE WITH 2,4,4-TRIMETHYLPENTENE))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((REACTION PRODUCTS OF DIPHENYLAMINE WITH 2,4,4-TRIMETHYLPENTENE))
14.3 Transport hazard class(es)	9	9	9
14.4 Packing group	III	III	III
14.5 Environmental hazards	Environmentally Hazardous	Not applicable	Marine Pollutant
14.6 Special precautions for user	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code	No data available.	No data available.	No data available.
Control Temperature	No data available.	No data available.	No data available.
Emergency Temperature	No data available.	No data available.	No data available.
ADR Classification Code	M6	Not applicable.	Not applicable.
IMDG Segregation Code	Not applicable.	Not applicable.	NONE

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

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 material are in compliance with the provisions of Australia

National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

COMAH Regulation, SI 2015/483
Seveso hazard categories, Annex 1, Part 1

Hazard Categories	Qualifying quantity (tonnes) for the application of	
	Lower-tier requirements	Upper-tier requirements
E2 Hazardous to the Aquatic environment	200	500

Seveso named dangerous substances, Annex 1, Part 2
None

Regulation (EU) No 649/2012, as amended for GB
No chemicals listed

15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

SECTION 16: Other information

List of relevant H statements

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Revision information:
GB Section 02: CLP Ingredient table information was modified.
Section 2: <125ml Hazard - Health information was added.
Section 2: <125ml Precautionary - Prevention information was added.
Section 2: <125ml Precautionary - Response information was added.
Section 02: CLP Physical and Health Hazard Statements information was modified.
Label: CLP Classification information was modified.
Section 02: Label Elements: GB Percent Unknown information was deleted.
Section 02: Label Elements: GB Percent Unknown information was modified.
Label: Graphic information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 5: Hazardous combustion products table information was added.
Section 6: Accidental release clean-up information information was modified.
Section 6: Accidental release personal information information was modified.
Section 7: Conditions safe storage information was modified.
Section 7: Precautions safe handling information information was modified.
Section 8: Appropriate Engineering controls information information was modified.
Section 8: Personal Protection - Respiratory Information information was modified.
Section 8: Respiratory protection - recommended respirators guide information was deleted.
Section 8: Respiratory protection - recommended respirators information information was deleted.
Section 9: Flammability (solid, gas) information information was deleted.
Section 09: Flammability information information was added.

Section 09: Kinematic Viscosity information information was modified.
Section 09: Particle Characteristics N/A information was added.
Section 9: Specific physical form information information was added.
Section 9: Vapour pressure value information was modified.
Section 10: Hazardous decomposition or by-products table information was modified.
Section 10: Hazardous decomposition products during combustion text information was added.
Section 10: Materials to avoid physical property information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Health Effects - Ingestion information information was modified.
Section 11: Health Effects - Inhalation information information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Reproductive/developmental effects information information was deleted.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Specific Target Organ Toxicity - single exposure text information was added.
Section 11: Target Organs - Repeated Table information was modified.
Section 11: Target Organs - Single Table information was deleted.
Section 12: Component ecotoxicity information information was modified.
Section 12: Mobility in soil information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12:Bioccumulative potential information information was modified.
Section 14 Classification Code – Regulation Data information was modified.
Section 14 Hazard Class + Sub Risk – Regulation Data information was modified.
Section 14 Hazardous/Not Hazardous for Transportation information was modified.
Section 14 Other Dangerous Goods – Regulation Data information was modified.
Section 14 Packing Group – Regulation Data information was modified.
Section 14 Proper Shipping Name information was modified.
Section 14 Segregation – Regulation Data information was modified.
Section 14 UN Number Column data information was modified.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.

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