

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier

3MTM Perfect-ItTM EX AC Rubbing Compound, 36058, 36060, 36061, 36062, 36063

Product Identification Numbers

60-4551-0224-8 60-4551-0225-5

1.2. Recommended use and restrictions on use

Recommended use

Automotive.

For Industrial or Professional use only.

1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113

Telephone: 136 136

E Mail: productinfo.au@mmm.com

Website: www.3m.com.au

1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

Causes mild skin irritation. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | CAS Nbr | % by Weight |
|--|--------------|-------------|
| Water | 7732-18-5 | 40 - 70 |
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | 10 - 30 |
| Aluminum Oxide (non-fibrous) | 1344-28-1 | 10 - 20 |
| Glycerin | 56-81-5 | 1 - 5 |
| White Mineral Oil (Petroleum) | 8042-47-5 | 1 - 5 |
| Lead | 7439-92-1 | < 1 |
| Fatty Organic Compound | Trade Secret | < 1 |

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

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eve 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

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

<u>Substance</u> Hydrocarbons. Carbon monoxide. Carbon dioxide. Oxides of nitrogen.

Condition

During combustion. During combustion. During combustion. 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. 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 dykes 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. 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

Avoid eye contact. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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 | CAS Nbr | Agency | Limit type | Additional comments |
|-------------------------------|-----------|----------------|----------------------------|-------------------------|
| Aluminum Oxide (non-fibrous) | 1344-28-1 | Australia OELs | TWA(Inspirable dust)(8 | |
| | | | hours):10 mg/m3 | |
| Aluminum, insoluble compounds | 1344-28-1 | ACGIH | TWA(respirable fraction):1 | A4: Not class. as human |
| _ | | | mg/m3 | carcin |
| Glycerin | 56-81-5 | Australia OELs | TWA(Inspirable dust)(8 | |

| | | | hours):10 mg/m3 | |
|---------------------------------------|------------|----------------|---|------------------------------------|
| Kerosine (petroleum) | 64742-47-8 | ACGIH | TWA(as total hydrocarbon vapour, non-aerosol):200 mg/m3 | A3: Confirmed animal carcin., SKIN |
| Lead | 7439-92-1 | ACGIH | TWA(as Pb):0.05 mg/m3 | A3: Confirmed animal carcinogen. |
| Lead | 7439-92-1 | Australia OELs | TWA(as Pb, dust and fume)(8 hours):0.15 mg/m3 | |
| MINERAL OILS, HIGHLY- REFINED OILS | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m3 | A4: Not class. as human carcin |
| Paraffin oil | 8042-47-5 | Australia OELs | TWA(as mist)(8 hours):5 mg/m3 | |

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

Australia OELs: Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG: Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

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

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.

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.

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

Gloves made from the following material(s) are recommended: Nitrile rubber.

Select and use gloves according to AS/NZ 2161.

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 vapours and particulates

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

Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024 464.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid. Appearance/Odour White Liquid **Odour threshold** No data available.

pН 7.5 - 9

Melting point/Freezing point No data available. Boiling point/Initial boiling point/Boiling range No data available. Flash point No flash point **Evaporation rate** No data available. Flammability (solid, gas) Not applicable. Flammable Limits(LEL) No data available. Flammable Limits(UEL) No data available. Vapour pressure No data available. Vapour density No data available. **Density** 1.1 - 1.1 kg/l

Relative density 1.05 - 1.1 [*Ref Std*:WATER=1]

Water solubility No data available. Solubility- non-water No data available. No data available. Partition coefficient: n-octanol/water **Autoignition temperature** No data available. No data available. **Decomposition temperature** 30,000 - 35,000 mPa-s Viscosity

Molecular weight Not applicable.

Volatile organic compounds (VOC) 16.2 % weight [Test Method:calculated per CARB title 2]

77.5 % weight Percent volatile

VOC less H2O & exempt solvents 498 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. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Condition

None known.

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 labelling, 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

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eye contact

Dust created by cutting, grinding, sanding, or machining may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

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

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 |
| Hydrotreated Light Petroleum Distillates | Dermal | Rabbit | LD50 > 3,160 mg/kg |
| Hydrotreated Light Petroleum Distillates | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 3 mg/l |
| Hydrotreated Light Petroleum Distillates | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Aluminum Oxide (non-fibrous) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Aluminum Oxide (non-fibrous) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 2.3 mg/l |
| Aluminum Oxide (non-fibrous) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| White Mineral Oil (Petroleum) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White Mineral Oil (Petroleum) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Lead | Dermal | | LD50 estimated to be 2,000 - 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|-------------------|---------------------------|
| | | |
| Hydrotreated Light Petroleum Distillates | Rabbit | Mild irritant |
| Aluminum Oxide (non-fibrous) | Rabbit | No significant irritation |
| Glycerin | Rabbit | No significant irritation |
| White Mineral Oil (Petroleum) | Rabbit | No significant irritation |
| Lead | similar compounds | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|-------------------|---------------------------|
| | | |
| Hydrotreated Light Petroleum Distillates | Rabbit | Mild irritant |
| Aluminum Oxide (non-fibrous) | Rabbit | No significant irritation |
| Glycerin | Rabbit | No significant irritation |
| White Mineral Oil (Petroleum) | Rabbit | Mild irritant |
| Lead | similar compounds | Mild irritant |

Skin Sensitisation

| Name | Species | Value |
|--|------------|----------------|
| Hydrotreated Light Petroleum Distillates | Guinea pig | Not classified |
| Glycerin | Guinea pig | Not classified |
| White Mineral Oil (Petroleum) | Guinea pig | Not classified |

Respiratory Sensitisation

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

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| Hydrotreated Light Petroleum Distillates | In Vitro | Not mutagenic |
| Aluminum Oxide (non-fibrous) | In Vitro | Not mutagenic |
| White Mineral Oil (Petroleum) | In Vitro | Not mutagenic |
| Lead | In vivo | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|---|----------------|-------------------------|--|
| Hydrotreated Light Petroleum Distillates | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Aluminum Oxide (non-fibrous) | Inhalation | Rat | Not carcinogenic |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| White Mineral Oil (Petroleum) | Dermal | Mouse | Not carcinogenic |
| White Mineral Oil (Petroleum) | Inhalation | Multiple animal species | Not carcinogenic |
| Lead | Not specified. | official classification | Carcinogenic. |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|----------|-----------|---------------------|---------|-------------|-------------------|
| Glycerin | Ingestion | Not classified for | Rat | NOAEL | 2 generation |
| | | female reproduction | | 2,000 | |
| | | | | mg/kg/day | |

| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
|----------------------------------|----------------|--|-------|-----------------------------|------------------|
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White Mineral Oil (Petroleum) | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| Lead | Not specified. | Toxic to female reproduction | Human | LOAEL 10 ug/dl blood | |
| Lead | Not specified. | Toxic to male reproduction | Human | LOAEL 37 ug/dl blood | |
| Lead | Not specified. | Toxic to development | Human | NOAEL Not available | |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|---|--|------------------------|-------------------------|------------------------|
| Hydrotreated Light Petroleum Distillates | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal | NOAEL Not available | |
| Hydrotreated Light Petroleum Distillates | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Hydrotreated Light Petroleum Distillates | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| Lead | Ingestion | nervous system | May cause damage to organs | Human | LOAEL 90 ug/dl blood | poisoning and/or abuse |
| Lead | Ingestion | heart | Not classified | 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 |
|-------------------------------------|------------|---|--|---------|---------------------|--------------------------|
| Aluminum Oxide (non- fibrous) | Inhalation | pneumoconiosis | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Aluminum Oxide (non- fibrous) | Inhalation | pulmonary fibrosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Glycerin | Inhalation | respiratory system heart liver kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |

| Glycerin | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |
|-------------------------------------|------------|--|--|-------|---------------------------|---------------------------|
| White Mineral Oil (Petroleum) | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| White Mineral Oil (Petroleum) | Ingestion | liver immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| Lead | Inhalation | kidney and/or bladder | May cause damage to organs though prolonged or repeated exposure | Human | LOAEL 60 ug/dl blood | occupational exposure |
| Lead | Inhalation | hematopoietic system | May cause damage to organs though prolonged or repeated exposure | Human | LOAEL 50 ug/dl blood | occupational exposure |
| Lead | Inhalation | nervous system | May cause damage to organs though prolonged or repeated exposure | Human | LOAEL 40 ug/dl blood | occupational exposure |
| Lead | Inhalation | gastrointestinal tract | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Lead | Inhalation | heart endocrine system immune system vascular system | Not classified | Human | NOAEL Not available | occupational exposure |
| Lead | Ingestion | bone, teeth, nails, and/or hair | May cause damage to organs though prolonged or repeated exposure | Rat | LOAEL 20 ug/dl blood | 3 months |
| Lead | Ingestion | eyes | May cause damage to organs though prolonged or repeated exposure | Rat | LOAEL 0.5 mg/kg/day | 20 days |
| Lead | Ingestion | hematopoietic system kidney and/or bladder | May cause damage to organs though prolonged or repeated exposure | Human | LOAEL 40 ug/dl blood | environmental exposure |
| Lead | Ingestion | nervous system | May cause damage to organs though prolonged or repeated exposure | Human | LOAEL 11 ug/dl blood | environmental exposure |
| Lead | Ingestion | auditory system heart endocrine system | Not classified | Human | NOAEL Not available | environmental exposure |

| | | vascular system | | | | |
|--|--|-----------------|--|--|--|--|
|--|--|-----------------|--|--|--|--|

Aspiration Hazard

| Name | Value |
|--|-------------------|
| Hydrotreated Light Petroleum Distillates | Aspiration hazard |
| White Mineral Oil (Petroleum) | Aspiration hazard |

Exposure Levels

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Interactive Effects

Not determined.

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 labelling, 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:

GHS Acute 2: Toxic to aquatic life.

Chronic aquatic hazard:

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|---------------|--------------|----------|------------------------|-------------|
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Green Algae | Estimated | 72 hours | EC50 | 1 mg/l |
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Rainbow trout | Estimated | 96 hours | Lethal Level 50% | 2 mg/l |
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Water flea | Estimated | 48 hours | Effect Level 50% | 1.4 mg/l |
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1 mg/l |
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Water flea | Estimated | 21 days | No obs Effect Level | 0.48 mg/l |
| Aluminum Oxide (non- fibrous) | 1344-28-1 | | Experimental | 96 hours | LC50 | >100 mg/l |

| Aluminum | 1344-28-1 | Cusan alona | Experimental | 72 hours | EC50 | \> 100 ~ /1 |
|-----------------|--------------|---|---------------------|-----------|---------------|-------------|
| | 1344-28-1 | Green algae | Experimental | /2 nours | EC30 | >100 mg/l |
| Oxide (non- | | | | | | |
| fibrous) | 1244 20 1 | 777 4 CI | E 1 | 40.1 | 1.050 | > 100 // |
| Aluminum | 1344-28-1 | Water flea | Experimental | 48 hours | LC50 | >100 mg/l |
| Oxide (non- | | | | | | |
| fibrous) | | | | | | |
| Aluminum | 1344-28-1 | Green algae | Experimental | 72 hours | NOEC | >100 mg/l |
| Oxide (non- | | | | | | |
| fibrous) | | | | | | |
| Glycerin | 56-81-5 | Rainbow trout | Experimental | 96 hours | LC50 | 54,000 mg/l |
| Glycerin | 56-81-5 | Water flea | Experimental | 48 hours | LC50 | 1,955 mg/l |
| White Mineral | 8042-47-5 | Water flea | Estimated | 48 hours | Effect Level | >100 mg/l |
| Oil (Petroleum) | | | | | 50% | |
| White Mineral | 8042-47-5 | Bluegill | Experimental | 96 hours | Lethal Level | >100 mg/l |
| Oil (Petroleum) | | | | | 50% | |
| White Mineral | 8042-47-5 | Green algae | Estimated | 72 hours | No obs Effect | >100 mg/l |
| Oil (Petroleum) | | | | | Level | |
| White Mineral | 8042-47-5 | Water flea | Estimated | 21 days | No obs Effect | >100 mg/l |
| Oil (Petroleum) | | | | | Level | |
| FATTY | Trade Secret | Fathead | Experimental | 96 hours | LC50 | 1.01 mg/l |
| ORGANIC | | minnow | 1 | | | |
| COMPOUND | | | | | | |
| FATTY | Trade Secret | Green algae | Experimental | 72 hours | EC50 | 0.66 mg/l |
| ORGANIC | | | | 1 | | |
| COMPOUND | | | | | | |
| FATTY | Trade Secret | Water flea | Experimental | 48 hours | EC50 | 0.765 mg/l |
| ORGANIC | | ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Z.i.p •11111•111011 | l'o nours | | 0.700 11.81 |
| COMPOUND | | | | | | |
| FATTY | Trade Secret | Green algae | Experimental | 72 hours | NOEC | 0.085 mg/l |
| ORGANIC | Trade Secret | Green uigue | Experimental | /2 Hours | I VOLC | 0.003 mg/1 |
| COMPOUND | | | | | | |
| FATTY | Trade Secret | Water flea | Experimental | 21 days | NOEC | 0.014 mg/l |
| ORGANIC | Trade Secret | ,, ator riou | Lapermentar | 21 4475 | I.OLC | 0.0111116/1 |
| COMPOUND | | | | | | |
| Lead | 7439-92-1 | Algae | Experimental | 72 hours | EC50 | 0.105 mg/l |
| Lead | 7439-92-1 | Common Carp | Experimental | 96 hours | LC50 | 0.44 mg/l |
| Lead | 7439-92-1 | Crustacea | Laboratory | 48 hours | LC50 | 0.53 mg/l |
| | 7439-92-1 | | | | NOEC | |
| Lead | /439-92-1 | Rainbow trout | Experimental | 578 days | INUEC | 0.003 mg/l |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|-----------------|--------------|----------------|----------|---------------|--------------|----------------------|
| Hydrotreated | 64742-47-8 | Data not | | | N/A | |
| Light | | available- | | | | |
| Petroleum | | insufficient | | | | |
| Distillates | | | | | | |
| Aluminum | 1344-28-1 | Data not | | | N/A | |
| Oxide (non- | | available- | | | | |
| fibrous) | | insufficient | | | | |
| Glycerin | 56-81-5 | Experimental | 14 days | BOD | 63 % | OECD 301C - MITI |
| | | Biodegradation | | | BOD/ThBOD | test (I) |
| White Mineral | 8042-47-5 | Experimental | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified |
| Oil (Petroleum) | | Biodegradation | | | | sturm or CO2 |
| FATTY | Trade Secret | Experimental | 28 days | BOD | 100 % weight | Other methods |

| ORGANIC | | Biodegradation | | | |
|----------|-----------|----------------|--|-----|--|
| COMPOUND | | | | | |
| Lead | 7439-92-1 | Data not | | N/A | |
| | | available- | | | |
| | | insufficient | | | |

12.3: Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|---|--------------|--|----------|----------------------------|-------------|---------------------------------------|
| Hydrotreated Light Petroleum Distillates | 64742-47-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Aluminum Oxide (non- fibrous) | 1344-28-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Glycerin | 56-81-5 | Experimental Bioconcentrati on | | Log Kow | -1.76 | Other methods |
| White Mineral Oil (Petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| FATTY ORGANIC COMPOUND | Trade Secret | Estimated Bioconcentrati on | | Bioaccumulatio n factor | 117 | Estimated: Bioconcentration factor |
| Lead | 7439-92-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

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

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Dispose of waste product in a permitted industrial waste facility. Proper destruction may require the use of additional fuel during incineration processes.

SECTION 14: Transport Information

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable. Sub Risk: Not applicable. Packing Group: Not applicable.

Hazchem Code: Not applicable

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable. Sub Risk: Not applicable. Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

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

Australian Inventory Status:

The chemical components contained within this product are listed on the Australian Inventory of Chemical Substances and are in compliance with the requirements of the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

SECTION 16: Other information

Revision information:

Initial issue.

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 Safety 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.

Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au