# Safety Data Sheet



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|---|---|---|---|
| **Document group:** | 16-5512-5 | **Version number:** | 19.04 |
| **Revision date:** | 02/08/2022 | **Supersedes date:** | 01/10/2020 |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

**1.1. Product identifier**
3M Perfect-It III 09376 Machine Polish

**Product Identification Numbers**
UU-0063-8348-1

7100095152

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

**Identified uses**
Automotive.

**1.3. Details of the supplier of the safety data sheet**

| | |
|---|---|
| **Address:** | 3M Ireland Limited, The Iveagh Building, The Park, Carrickmines, Dublin 18. |
| **Telephone:** | +353 1 280 3555 |
| **E Mail:** | tox.uk@mmm.com |
| **Website:** | www.3M.com |

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

## SECTION 2: Hazard identification

**2.1. Classification of the substance or mixture**
**CLP REGULATION (EC) No 1272/2008**

The aspiration hazard classification is not required due to the product's viscosity.

**CLASSIFICATION:**
This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

**2.2. Label elements**
**CLP REGULATION (EC) No 1272/2008**

Not applicable

**SUPPLEMENTAL INFORMATION:**

**Supplemental Hazard Statements:**
EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

None known.
This material does not contain any substances that are assessed to be a PBT or vPvB

## 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] |
|---|---|---|---|
| Non-Hazardous Ingredients | Trade Secret | 40 - 70 | Substance not classified as hazardous |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | (EC-No.) 926-141-6<br>(REACH-No.) 01-2119456620-43 | 10 - 20 | Asp. Tox. 1, H304<br>EUH066 |
| White mineral oil (petroleum) | (CAS-No.) 8042-47-5<br>(EC-No.) 232-455-8 | 0.5 - 1.5 | Asp. Tox. 1, H304 |
| Aluminium Oxide (non-fibrous) | (CAS-No.) 1344-28-1<br>(EC-No.) 215-691-6 | 7 - 13 | Substance with a national occupational exposure limit |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | (EC-No.) 918-167-1<br>(REACH-No.) 01-2119472146-39 | 1 - 10 | Flam. Liq. 3, H226<br>Aquatic Chronic 4, H413<br>Asp. Tox. 1, H304<br>EUH066 |

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**
Wash with soap and water. 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 CLP classification include:
Toxic by eye contact.

**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 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**

| Substance | Condition |
|---|---|
| Hydrocarbons. | During combustion. |
| Carbon monoxide | During combustion. |
| Carbon dioxide. | 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. 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. 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 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**
Store away from heat.

**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**
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 |
|---|---|---|---|---|
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Ireland OELs | TWA(Total inhalable dust)(8 hours):10 mg/m3;TWA(as respirable dust)(8 hours):4 mg/m3 | |

Ireland OELs : Ireland. OELs
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

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

**Recommended monitoring procedures:**Information on recommended monitoring procedures can be obtained from Indust. Inspect./Ministry (IE)

**8.2. Exposure controls**

In addition, refer to the annex for more information.

**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. Provide appropriate local exhaust ventilation for cutting, grinding, sanding or machining.

**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.

*Applicable Norms/Standards*
Use eye protection conforming to EN 166

**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. 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 |

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used:Nitrile rubber.

*Applicable Norms/Standards*
Use gloves tested to EN 374

**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.

*Applicable Norms/Standards*
Use a respirator conforming to EN 140 or EN 136: filter types A & P

**8.2.3. Environmental exposure controls**
Refer to Annex

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Physical state** | Liquid. |
| **Specific Physical Form:** | Emulsion |
| **Colour** | Grey |
| **Odor** | Paraffinic |
| **Odour threshold** | *No data available.* |
| **Melting point/freezing point** | *Not applicable.* |
| **Boiling point/boiling range** | *No data available.* |
| **Flammability (solid, gas)** | Not applicable. |
| **Flammable Limits(LEL)** | *No data available.* |
| **Flammable Limits(UEL)** | *No data available.* |
| **Flash point** | >=98 ºC [*Test Method:*Closed Cup] |
| **Autoignition temperature** | *No data available.* |
| **Decomposition temperature** | *No data available.* |
| **pH** | 7.75 - 8.4 |
| **Kinematic Viscosity** | 11,000 mm²/sec |
| **Water solubility** | *No data available.* |
| **Solubility- non-water** | *No data available.* |
| **Partition coefficient: n-octanol/water** | *No data available.* |
| **Vapour pressure** | *No data available.* |
| **Density** | 0.99 - 1.01 kg/l |
| **Relative density** | 1 [*Ref Std:*WATER=1] |
| **Relative Vapor Density** | *No data available.* |

**9.2. Other information**

**9.2.2 Other safety characteristics**

| | |
|---|---|
| **EU Volatile Organic Compounds** | *No data available.* |
| **Evaporation rate** | *No data available.* |
| **Percent volatile** | approximately 58 % weight |

## 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 polymerisation will not occur.

**10.4 Conditions to avoid**
High shear and high temperature conditions
Sparks and/or flames.

**10.5 Incompatible materials**
Alkali and alkaline earth metals.

**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 EU 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 internal hazard assessments.**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**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. Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

**Skin contact**
Mild Skin Irritation: Signs/symptoms may include localised 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.

**Ingestion**
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 |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Aluminium Oxide (non-fibrous) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Aluminium Oxide (non-fibrous) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 2.3 mg/l |
| Aluminium Oxide (non-fibrous) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 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 |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| Aluminium Oxide (non-fibrous) | Rabbit | No significant irritation |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Rabbit | Mild irritant |
| White mineral oil (petroleum) | Rabbit | No significant irritation |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| Aluminium Oxide (non-fibrous) | Rabbit | No significant irritation |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Rabbit | Mild irritant |
| White mineral oil (petroleum) | Rabbit | Mild irritant |

**Skin Sensitisation**

| Name | Species | Value |
|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Guinea pig | Not classified |

| | | |
|---|---|---|
| White mineral oil (petroleum) | Guinea pig | 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 |
|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| Aluminium Oxide (non-fibrous) | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | In vivo | Not mutagenic |
| White mineral oil (petroleum) | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name | Route | Species | Value |
|---|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Aluminium Oxide (non-fibrous) | Inhalation | Rat | Not carcinogenic |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| White mineral oil (petroleum) | Dermal | Mouse | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | premating & during gestation |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 28 days |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | during gestation |
| 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 |

**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 |
|---|---|---|---|---|---|---|
| Aluminium Oxide (non-fibrous) | Inhalation | pneumoconiosis | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Aluminium Oxide (non-fibrous) | Inhalation | pulmonary fibrosis | Not classified | Human | NOAEL Not available | occupational exposure |
| 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 |

**Aspiration Hazard**

| Name | Value |
|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | Aspiration hazard |
| White mineral oil (petroleum) | 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.**

### 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 EU 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 |
|---|---|---|---|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green algae | Experimental | 72 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Rainbow trout | Experimental | 96 hours | LL50 | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Water flea | Experimental | 48 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green algae | Experimental | 72 hours | NOEL | 1,000 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 48 hours | EL50 | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Bluegill | Experimental | 96 hours | LL50 | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Green algae | Estimated | 72 hours | NOEL | 100 mg/l |

| | | | | | | |
|---|---|---|---|---|---|---|
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 21 days | NOEL | >100 mg/l |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | | Experimental | 96 hours | LC50 | >100 mg/l |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Green algae | Experimental | 72 hours | EC50 | >100 mg/l |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Water flea | Experimental | 48 hours | LC50 | >100 mg/l |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Green algae | Experimental | 72 hours | NOEC | >100 mg/l |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Green algae | Estimated | 72 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Rainbow trout | Estimated | 96 hours | LL50 | >1,000 mg/l |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Water flea | Estimated | 48 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Green algae | Estimated | 72 hours | NOEL | 1,000 mg/l |

### 12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|---|---|---|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Experimental Biodegradation | 28 days | BOD | 69 %BOD/ThOD | OECD 301F - Manometric respirometry |
| White mineral oil (petroleum) | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Estimated Biodegradation | 28 days | BOD | 31.3 %BOD/ThOD | |

### 12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|---|---|---|---|---|---|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil (petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Aluminium Oxide (non-fibrous) | 1344-28-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | 918-167-1 | Estimated BCF - Fish | | Bioaccumulation factor | 2500 | |

### 12.4. Mobility in soil

No test data available.

### 12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

### 12.6. Endocrine disrupting properties

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

**12.7. Other adverse effects**
No information available.

## SECTION 13: Disposal considerations

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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 and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

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)**
120109* Machining emulsions and solutions free of halogens

## SECTION 14: Transportation information

Not hazardous for transportation.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|---|---|---|---|
| **14.1 UN number or ID number** | No data available. | No data available. | No data available. |
| **14.2 UN proper shipping name** | No data available. | No data available. | No data available. |
| **14.3 Transport hazard class(es)** | No data available. | No data available. | No data available. |
| **14.4 Packing group** | No data available. | No data available. | No data available. |
| **14.5 Environmental hazards** | No data available. | No data available. | No data available. |
| **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 Marine Transport in bulk according to IMO instruments** | 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** | No data available. | No data available. | No data available. |
| **IMDG Segregation Code** | No data available. | No data available. | No data available. |

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 the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional 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 material are in compliance with the provisions of Philippines RA 6969 requirements. 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. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

**DIRECTIVE 2012/18/EU**
Seveso hazard categories, Annex 1, Part 1
None

Seveso named dangerous substances, Annex 1, Part 2
None

**Regulation (EU) No 649/2012**
No chemicals listed

**15.2. Chemical Safety Assessment**
A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

## SECTION 16: Other information

**List of relevant H statements**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |

H413 May cause long lasting harmful effects to aquatic life.

**Revision information:**
EU Section 09: pH information information was added.
Professional Use of Coatings: Section 16: Annex information was modified.
Section 02: CLP Classification Statements information was added.
Label: CLP Classification information was deleted.
Section 03: Composition table % Column heading information was added.
Section 3: Composition/ Information of ingredients table information was modified.
Section 03: Substance not applicable information was added.
Section 04: First Aid - Symptoms and Effects (CLP) information was added.
Section 4: First aid for skin contact information information was modified.
Section 04: Information on toxicological effects information was modified.
Section 8: glove data value information was added.
Section 8: Occupational exposure limit table information was modified.
OEL Reg Agency Desc information was modified.
Section 8: Personal Protection - Skin/hand information information was modified.
Section 08: Skin protection - incidental contact text information was added.
Section 08: Skin protection - incidental contact information was added.
Section 8: Skin protection - recommended gloves text information was added.
Section 9: Evaporation Rate information information was deleted.
Section 9: Explosive properties information information was deleted.
Section 09: Kinematic Viscosity information information was added.
Section 9: Melting point information information was modified.
Section 9: Oxidising properties information information was deleted.
Section 9: pH information information was deleted.
Section 9: Property description for optional properties information was modified.
Section 9: Vapour density value information was added.
Section 9: Vapour density value information was deleted.
Section 9: Viscosity information information was deleted.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Classification disclaimer information was modified.
Section 11: Health Effects - Skin information information was modified.
Section 11: No endocrine disruptor information available warning information was added.
Section 11: Reproductive Toxicity Table information was modified.
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: Target Organs - Repeated Table information was added.
Section 11: Target Organs - Repeated Table information was deleted.
Section 12: 12.6. Endocrine Disrupting Properties information was added.
Section 12: 12.7. Other adverse effects information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Contact manufacturer for more detail. information was deleted.
Section 12: No Data text for mobility in soil information was added.
Section 12: No endocrine disruptor information available warning information was added.
Section 12: Persistence and Degradability information information was modified.
Section 12:Bioccumulative potential information information was modified.
Section 13: Standard Phrase Category Waste GHS information was modified.
Section 14 Classification Code – Main Heading information was added.
Section 14 Classification Code – Regulation Data information was added.
Section 14 Control Temperature – Main Heading information was added.
Section 14 Control Temperature – Regulation Data information was added.
Section 14 Disclaimer Information information was added.
Section 14 Emergency Temperature – Main Heading information was added.

Section 14 Emergency Temperature – Regulation Data information was added.
Section 14 Hazard Class + Sub Risk – Main Heading information was added.
Section 14 Hazard Class + Sub Risk – Regulation Data information was added.
Section 14 Hazardous/Not Hazardous for Transportation information was added.
Section 14 Other Dangerous Goods – Main Heading information was added.
Section 14 Other Dangerous Goods – Regulation Data information was added.
Section 14 Packing Group – Main Heading information was added.
Section 14 Packing Group – Regulation Data information was added.
Section 14 Proper Shipping Name information was added.
Section 14 Regulations – Main Headings information was added.
Section 14 Segregation – Regulation Data information was added.
Section 14 Segregation Code – Main Heading information was added.
Section 14 Special Precautions – Main Heading information was added.
Section 14 Special Precautions – Regulation Data information was added.
Section 14 Transport in bulk – Regulation Data information was added.
Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was added.
Section 14 UN Number Column data information was added.
Section 14 UN Number information was added.
Section 15: Regulations - Inventories information was added.
Section 2: No PBT/vPvB information available warning information was added.

# Annex

| **1. Title** | |
|---|---|
| **Substance identification** | Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics;<br>EC No. 926-141-6; |
| **Exposure Scenario Name** | Professional Use of Coatings |
| **Lifecycle Stage** | Widespread use by professional workers |
| **Contributing activities** | PROC 10 -Roller application or brushing<br>ERC 08a -Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)<br>ERC 08d -Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) |
| **Processes, tasks and activities covered** | Application of product. |
| **2. Operational conditions and risk management measures** | |
| **Operating Conditions** | **Physical state:**Liquid.<br>**General operating conditions:**<br>Duration of exposure per day at workplace [for one worker]: 8 hours/day;<br>Emission days per year: 300 days per year;<br>Frequency of exposure at workplace [for one worker]: Daily;<br>Indoor use;<br>Outdoor use; |
| **Risk management measures** | Under the operational conditions described above the following risk management measures apply:<br>**General risk management measures:**<br>**Human health:**<br>None needed;<br>**Environmental:**<br>None needed; |
| **Waste management measures** | Avoid release to the environment. Refer to special instructions / safety data sheet.; |
| **3. Prediction of exposure** | |
| **Prediction of exposure** | Human and environmental exposures are not expected to exceed the DNELs and |

| | |
|---|---|
| | PNECs when the identified risk management measures are adopted. |

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