

3M General Offices

3M Center St. Paul, MN 55144-1000 1-800-364-3577 or (651) 737-6501 (24 hours)

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Safety Data Sheet

Purchase Order #: Customer Number:

258953

0016124695

Michael Welch

HISCO

6650 CONCORD PARK DR HOUSTON, TX 77040-4098

USA

Dear Michael Welch

Enclosed is the Safety Data Sheet (SDS)* for the product that your company recently purchased from 3M.

Please forward the attached document(s) to the individual in your organization responsible for hazard communication.

If you are a distributor and resell this product, OSHA and EPA require that you transmit this SDS information to your customers at the time of first shipment or whenever you receive revised SDSs from 3M.

3M SDSs are available over the Internet at www.3m.com/MSDSSearch.

3M is committed to meeting our customer requirements. Please contact your 3M customer service or sales representative if you have any questions. If you do not know whom to contact, please call the 3M Product Information Center at 1-800-364-3577.

If you are not currently receiving 3M SDSs by e-mail and would like to do so, please contact our eSDS Administrator at emsdsadmin@mmm.com

*An Article Information Sheet (AIS) or Article Information Letter (AIL) may be enclosed in place of an SDS if the product is an article which does not require an SDS under the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.



Safety Data Sheet

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 Document Group:
 31-0101-1
 Version Number:
 7.00

 Issue Date:
 01/07/24
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 12/15/23

SECTION 1: Identification

1.1. Product identifier

3MTM Finesse-itTM Ultra Fine [100]

1.2. Recommended use and restrictions on use

Recommended use

Industrial use

1.3. Supplier's details

MANUFACTURER: 3M

DIVISION: Abrasive Systems Division

ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA

Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Skin Corrosion/Irritation: Category 2.

Skin Sensitizer: Category 1A.

Specific Target Organ Toxicity (single exposure): Category 3.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark |

Pictograms



Hazard Statements

Causes skin irritation.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

Precautionary Statements

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.

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

Take off contaminated clothing and wash it before reuse.

Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal:

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

2% of the mixture consists of ingredients of unknown acute oral toxicity.

2% of the mixture consists of ingredients of unknown acute dermal toxicity.

25% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---------------|--------------------------|
| Water | 7732-18-5 | 40 - 60 Trade Secret * |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1 | 10 - 25 Trade Secret * |
| Hydrotreated Heavy Naphtha | 64742-48-9 | 10 - 25 Trade Secret * |
| Hydrotreated Light Paraffinic Distillates | 64742-55-8 | 10 - 25 Trade Secret * |
| Additive | Trade Secret* | 1 - 3 Trade Secret * |
| Glycerin | 56-81-5 | 0.5 - 1.5 Trade Secret * |
| Triethanolamine | 102-71-6 | 0.5 - 1.5 Trade Secret * |
| Methylisothiazolinone | 2682-20-4 | < 0.02 Trade Secret * |

^{*}The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

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

Allergic skin reaction (redness, swelling, blistering, and itching). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness).

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

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

Substance Condition

HydrocarbonsDuring CombustionCarbon monoxideDuring CombustionCarbon dioxideDuring CombustionOxides of NitrogenDuring 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 dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Avoid breathing of dust created by sanding, grinding or machining. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|---|------------|--------|--|--------------------------------|
| Triethanolamine | 102-71-6 | ACGIH | TWA:5 mg/m3 | |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1 | OSHA | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 | |
| Aluminum, insoluble compounds | 1344-28-1 | ACGIH | TWA(respirable fraction):1 mg/m3 | A4: Not class. as human carcin |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles | 1344-28-1 | ACGIH | TWA(inhalable particulates):10 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles | 1344-28-1 | ACGIH | TWA(respirable particles):3 mg/m3 | |
| Glycerin | 56-81-5 | OSHA | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles | 56-81-5 | ACGIH | TWA(inhalable particulates):10 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles | 56-81-5 | ACGIH | TWA(respirable particles):3 mg/m3 | |
| Paraffin oil | 64742-55-8 | OSHA | TWA(as mist):5 mg/m3 | |

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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

8.2.2. Personal protective equipment (PPE)

Eye/face protection

To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

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

Respiratory protection

Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure.

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

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

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid Color White

Odor Light Citrus **Odor threshold** No Data Available

7 - 9

pН Not Applicable **Melting point Boiling Point** $>=212 \, {}^{\circ}F$ **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

Vapor PressureNo Data AvailableVapor DensityNo Data AvailableDensityNo Data Available

Specific Gravity >=1.1 [Ref Std:WATER=1]

Solubility in Water Negligible

Solubility- non-waterNo Data AvailablePartition coefficient: n-octanol/ waterNo Data AvailableAutoignition temperatureNo Data AvailableDecomposition temperatureNo Data AvailableViscosity5 - 7 Pa-s [Details:at 40C]

Bulk density No Data Available Volatile Organic Compounds20 % weight

Percent volatile85 % weight [*Details*: Calculated including water] **VOC Less H2O & Exempt Solvents**85 % weight [*Details*: Calculated including water]
775.3 g/l [*Test Method*: tested per EPA method 24]

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 polymerization will not occur.

10.4. Conditions to avoid

Sparks and/or flames

Heat

10.5. Incompatible materials

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

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

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

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose

and throat pain.

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

May cause additional health effects (see below).

Skin Contact:

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

Eye Contact:

Dust created by 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 diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:

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

Additional Information:

This document covers only the 3M product. For complete assessment, when determining the degree of hazard, the material being abraded must also be considered.

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 | Inhalation- Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Aluminum Oxide Mineral (non-fibrous) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Hydrotreated Heavy Naphtha | Inhalation- Vapor | | LC50 estimated to be 20 - 50 mg/l |
| Hydrotreated Heavy Naphtha | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| Aluminum Oxide Mineral (non-fibrous) | Inhalation- Dust/Mist (4 hours) | Rat | LC50 > 2.3 mg/l |
| Aluminum Oxide Mineral (non-fibrous) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrotreated Heavy Naphtha | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrotreated Light Paraffinic Distillates | Dermal | similar compoun ds | LD50 > 2,000 mg/kg |
| Hydrotreated Light Paraffinic Distillates | Inhalation- Dust/Mist (4 hours) | similar compoun ds | LC50 > 5.53 mg/l |
| Hydrotreated Light Paraffinic Distillates | Ingestion | similar compoun ds | LD50 > 5,000 mg/kg |
| Triethanolamine | Dermal | Rabbit | LD50 > 2,000 mg/kg |

| Triethanolamine | Ingestion | Rat | LD50 9,000 mg/kg |
|-----------------------|-------------|--------|------------------------------------|
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Methylisothiazolinone | Dermal | Rat | LD50 242 mg/kg |
| Methylisothiazolinone | Inhalation- | Rat | LC50 0.11 mg/l |
| | Dust/Mist | | |
| | (4 hours) | | |
| Methylisothiazolinone | Ingestion | Rat | LD50 120 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| | | |
| Aluminum Oxide Mineral (non-fibrous) | Rabbit | No significant irritation |
| Hydrotreated Heavy Naphtha | Rabbit | Irritant |
| Hydrotreated Light Paraffinic Distillates | similar | No significant irritation |
| | compoun | |
| | ds | |
| Triethanolamine | Rabbit | Minimal irritation |
| Glycerin | Rabbit | No significant irritation |
| Methylisothiazolinone | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Scribus Lye Builings Hillington | ~ . | |
|---|---------|---------------------------|
| Name | Species | Value |
| | | |
| Aluminum Oxide Mineral (non-fibrous) | Rabbit | No significant irritation |
| Hydrotreated Heavy Naphtha | Rabbit | No significant irritation |
| Hydrotreated Light Paraffinic Distillates | similar | No significant irritation |
| | compoun | |
| | ds | |
| Triethanolamine | Rabbit | Mild irritant |
| Glycerin | Rabbit | No significant irritation |
| Methylisothiazolinone | Rabbit | Corrosive |

Skin Sensitization

| Skili Selisitization | | |
|---|---------|----------------|
| Name | Species | Value |
| Hydrotreated Heavy Naphtha | Guinea | Not classified |
| | pig | |
| Hydrotreated Light Paraffinic Distillates | similar | Not classified |
| | compoun | |
| | ds | |
| Triethanolamine | Human | Not classified |
| Glycerin | Guinea | Not classified |
| | pig | |
| Methylisothiazolinone | Human | Sensitizing |
| | and | |
| | animal | |

Photosensitization

| Name | Species | Value |
|-----------------------|---------|-----------------|
| Methylisothiazolinone | Human | Not sensitizing |
| | and | |
| | animal | |

Respiratory Sensitization

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

Germ Cell Mutagenicity

| Name | Route | Value |
|--------------------------------------|----------|---------------|
| Aluminum Oxide Mineral (non-fibrous) | In Vitro | Not mutagenic |

| Hydrotreated Heavy Naphtha | In vivo | Not mutagenic |
|---|----------|--|
| Hydrotreated Heavy Naphtha | In Vitro | Some positive data exist, but the data are not |
| | | sufficient for classification |
| Hydrotreated Light Paraffinic Distillates | In Vitro | Not mutagenic |
| Triethanolamine | In Vitro | Not mutagenic |
| Triethanolamine | In vivo | Not mutagenic |
| Methylisothiazolinone | In vivo | Not mutagenic |
| Methylisothiazolinone | In Vitro | Some positive data exist, but the data are not |
| | | sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--------------------------------------|------------|-------------------------------|--|
| Aluminum Oxide Mineral (non-fibrous) | Inhalation | Rat | Not carcinogenic |
| Hydrotreated Heavy Naphtha | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Hydrotreated Heavy Naphtha | Inhalation | Human and animal | Some positive data exist, but the data are not sufficient for classification |
| Triethanolamine | Dermal | Multiple animal species | Not carcinogenic |
| Triethanolamine | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Methylisothiazolinone | Dermal | Mouse | Not carcinogenic |
| Methylisothiazolinone | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|----------------------------|------------|--|---------|--------------------------|-----------------------------|
| Hydrotreated Heavy Naphtha | Inhalation | Not classified for development | Rat | NOAEL 2.4 mg/l | during organogenesi s |
| Triethanolamine | Ingestion | Not classified for development | Mouse | NOAEL 1,125 mg/kg/day | during organogenesi s |
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| 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 |
| Methylisothiazolinone | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylisothiazolinone | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Methylisothiazolinone | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesi s |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

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

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| Hydrotreated Heavy | Inhalation | nervous system | Not classified | Dog | NOAEL 6.5 | 4 hours |
|-----------------------|------------|------------------------|----------------------------------|-----------|-----------|---------|
| Naphtha | | | | | mg/l | |
| Hydrotreated Heavy | Ingestion | central nervous | May cause drowsiness or | Professio | NOAEL Not | |
| Naphtha | | system depression | dizziness | nal | available | |
| | | | | judgeme | | |
| | | | | nt | | |
| Methylisothiazolinone | Inhalation | respiratory irritation | May cause respiratory irritation | similar | NOAEL Not | |
| | | | | health | available | |
| | | | | hazards | | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|--------------------------------------|------------|---|--|-------------------------------|------------------------------|-----------------------|
| Aluminum Oxide Mineral (non-fibrous) | Inhalation | pneumoconiosis | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Aluminum Oxide Mineral (non-fibrous) | Inhalation | pulmonary fibrosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Hydrotreated Heavy Naphtha | Inhalation | nervous system | Not classified | Rat | LOAEL 4.6 mg/l | 6 months |
| Hydrotreated Heavy Naphtha | Inhalation | kidney and/or bladder | Not classified | Rat | LOAEL 1.9 mg/l | 13 weeks |
| Hydrotreated Heavy Naphtha | Inhalation | respiratory system | Not classified | Multiple animal species | NOAEL 0.6 mg/l | 90 days |
| Hydrotreated Heavy Naphtha | Inhalation | bone, teeth, nails, and/or hair blood liver muscles | Not classified | Rat | NOAEL 5.6 mg/l | 12 weeks |
| Hydrotreated Heavy Naphtha | Inhalation | heart | Not classified | Multiple animal species | NOAEL 1.3 mg/l | 90 days |
| Triethanolamine | Dermal | kidney and/or bladder | Not classified | Multiple animal species | NOAEL 2,000 mg/kg/day | 2 years |
| Triethanolamine | Dermal | liver | Not classified | Mouse | NOAEL 4,000 mg/kg/day | 13 weeks |
| Triethanolamine | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 1,000 mg/kg/day | 2 years |
| Triethanolamine | Ingestion | liver | Not classified | Guinea pig | NOAEL 1,600 mg/kg/day | 24 weeks |
| 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 |

Aspiration Hazard

| 10 DII WUOII II WAA | | | | | |
|---|-------------------|--|--|--|--|
| Name | Value | | | | |
| Hydrotreated Heavy Naphtha | Aspiration hazard | | | | |
| Hydrotreated Light Paraffinic Distillates | Aspiration hazard | | | | |

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

SECTION 12: Ecological information

Ecotoxicological information

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

Chemical fate information

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

SECTION 13: Disposal considerations

13.1. Disposal methods

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

The substrate that was abraded must be considered as a factor in the disposal method for this product. 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.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards

Not applicable

Health Hazards

Respiratory or Skin Sensitization

Skin Corrosion or Irritation

Specific target organ toxicity (single or repeated exposure)

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

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.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 2 Flammability: 1 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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 Issue Date:
 01/07/24
 Supercedes Date:
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