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

Product identifier

Product Name DPT Mineral Spirits Diamond Extender

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Oil Base Diamond Extender(*Note Future CARB requirements: 2013 - 3 wt%)

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Mark V Lab
Supplier Address 18 Kripes Rd.
East Granby
CT
06026
US
Supplier Phone Number Phone:800 243 9776
Fax:860-653-4087
sscontact@markvlab.com.com
Supplier Email
Emergency telephone number Chem Trec 8004249300

2. HAZARDS IDENTIFICATION

Classification


This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---------------------|------------|
| Aspiration toxicity | Category 1 |
| Flammable liquids | Category 3 |

GHS Label elements, including precautionary statements



Emergency Overview

| | | | |
|---|----------------|-----------------------|-----------------------|
| Signal word | Warning | | |
| Hazard Statements | | | |
| May be fatal if swallowed and enters airways Flammable liquid and vapor | | | |
|  | | | |
| Appearance | Clear | Physical State | Liquid |
| | | Odor | Petroleum distillates |

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

None

Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

Other information

No information available

Interactions with Other Chemicals No

information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Solvent naphtha (petroleum), medium aliphatic | 64742-88-7 | 60 - 100 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact

Wash skin with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.

Inhalation

If symptoms persist, call a physician.

Ingestion

Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Difficulty in breathing. Dizziness.



Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Vapors can form explosive mixtures with air. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Vapors may travel to source of ignition and flash back.

Uniform Fire Code Combustible Liquid: II

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.



Other Information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for Containment A vapor suppressing foam may be used to reduce vapors.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use clean non-sparking tools to collect absorbed material. Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use according to package label instructions. Use personal protection equipment. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tight sealing safety goggles.

Skin and Body Protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical State | Liquid | Odor | Petroleum distillates |
| | Clear | | No information available |
| | No information available | Odor Threshold | No information available |



No data available
Specific Gravity No data available

Water Solubility Insoluble in water

Solubility in other solvents No data available

Appearance Color

**Upper
flammability limit
Lower
flammability limit
Vapor pressure
Vapor density**

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|--------------------------------------|-------------------|-------------------------------------|
| pH | UNKNOWN | None known |
| Melting / freezing point | No data available | None known |
| Boiling point / boiling range | 157 °C / 315 °F | None known |
| Flash Point | 42 C / 108 F | None known |
| Evaporation Rate | No data available | None known |
| Autoignition temperature | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Decomposition temperature | No data available | None known |
| Flammability Limit in Air | | None known |
| Kinematic viscosity | No data available | Partition coefficient: n |
| Dynamic viscosity | No data available | - |
| Explosive properties | No data available | octanol/water |
| Oxidizing Properties | No data available | No data available None known |
| Other Information | | None known |
| Softening Point | No data available | None known |
| VOC Content (%) | No data available | None known |
| Particle Size | No data available | |
| Particle Size Distribution | | None known |

10. STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions None
under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.



Conditions to avoid Heat, flames and sparks.

Incompatible materials Strong oxidizing agents.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--|
| Product Information | Product does not present an acute toxicity hazard based on known or supplied information. |
| Inhalation | Specific test data for the substance or mixture is not available. May cause drowsiness and dizziness. |
| Eye Contact | Specific test data for the substance or mixture is not available. |
| Skin Contact | Specific test data for the substance or mixture is not available. |
| Ingestion | Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May be fatal if swallowed and enters airways. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|-------------------------|-------------------------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | > 5000 mg/kg (Rat) | = 3000 mg/kg (Rabbit) | > 5.28 mg/L (Rat) 4 h |

Information on toxicological effects

Symptoms Difficulty in breathing. Vapors may cause drowsiness and dizziness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure



| | |
|---------------------------------|--|
| Sensitization | No information available. |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains no ingredient listed as a carcinogen. |
| Reproductive Toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Target Organ Effects | Respiratory system. |
| Aspiration Hazard | No information available. |

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal)

3,000.00 mg/kg (ATE)

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--|--|---|----------------------------|----------------------------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | 96h EC50: = 450 mg/L (Pseudokirchneriella subcapitata) | 96h LC50: = 800 mg/L (Pimephales promelas) | | 48h EC50: > 100 mg/L |

Persistence and Degradability No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|-------------------------------|---|
| Disposal methods | This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). |
| Contaminated Packaging | Dispose of contents/containers in accordance with local regulations. |
| US EPA Waste Number | D001 |

California Hazardous Waste Codes 213

14. TRANSPORT INFORMATION

| | |
|--|--|
| <u>DOT</u> | NOT REGULATED (If shipped in NON BULK packaging by ground transport) |
| Proper Shipping Name | NON-REGULATED |
| Hazard Class | N/A |
| Emergency Response Guide Number | 128 |

| | |
|-----------------------------|-------------------------------|
| <u>TDG</u> | |
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |

| | |
|-----------------------------|--|
| <u>MEX</u> | |
| UN-No. | UN1268 |
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1268 Petroleum distillates, n.o.s.,3,III |

| | |
|-----------------------------|-------------------------------|
| <u>ICAO</u> | |
| UN-No. | UN1268 |
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |



Packing Group III
Description 1268,Petroleum distillates, n.o.s.,3,PG III

IATA

UN-No. 1268
Proper Shipping Name PETROLEUM DISTILLATES, N.O.S.
Hazard Class 3
Packing Group III
Description UN1268,Petroleum distillates, n.o.s.,3,PG III

IMDG/IMO

UN-No. 1268



| | |
|-----------------------------|--|
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |
| Packing Group | III |
| EmS No. | F-E, S-E |
| Description | 1268, Petroleum distillates, n.o.s.,3,PG III, FP 42C |

RID

| | |
|-----------------------------|--|
| UN-No. | 1268 |
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | 1268 Petroleum distillates, n.o.s.,3,III |

ADR

| | |
|-----------------------------|--|
| UN-No. | UN1268 |
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1268 Petroleum distillates, n.o.s.,3,III |

ADN

| | |
|-----------------------------|--|
| UN-No. | UN1268 |
| Proper Shipping Name | Petroleum distillates, n.o.s. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1268 Petroleum distillates, n.o.s.,3,III |
| Hazard Labels | 3 |
| Limited Quantity | LQ7 |
| Ventilation | VE01 |

| |
|-----------------------------------|
| 15. REGULATORY INFORMATION |
|-----------------------------------|

International Inventories

| | |
|------|--|
| TSCA | Complies |
| DSL | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---|------------|---------------|--------------|--------------|----------|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | X | | | | |

International Regulations

Canada

WHMIS Hazard Class
B3 - Combustible liquid



16. OTHER INFORMATION

NFPA **Health Hazards 1** **Flammability 2** **Instability 0** **Physical and**
Chemical Hazards -



HMIS Health Hazards 1 Flammability 2 Physical Hazard 0 Personal Protection

X

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date 08-Nov-2013

Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

