

1. IDENTIFICATION

Product identifier**Product Name** Slide Penetrant Plus**Other means of identification****SDS #** 41812M**Product Code** 41812M**Synonyms** Penetrant-demoisturant Compound.**UN/ID No** UN1950**Other Information****Recommended use of the chemical and restrictions on use****Recommended Use** Industrial penetrating fluid.**Details of the supplier of the safety data sheet****Supplier Address**Slide Products Inc.
430 Wheeling Road
Wheeling, IL 60090**Emergency telephone number****Company Phone Number** Phone: 1-847-541-7220

Fax: 1-847-541-7986

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Pale straw colored liquid**Physical state** Aerosol**Odor** Bland**Classification**

| | |
|--|----------------|
| Specific target organ toxicity (repeated exposure) | Category 1 |
| Aspiration toxicity | Category 1 |
| Flammable aerosols | Category 2 |
| Gases under pressure | Compressed gas |

Signal Word**Danger****Hazard statements**

Causes damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable aerosol

Contains gas under pressure; may explode if heated



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Do not spray on an open flame or other ignition source
 Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
 IF SWALLOWED: Immediately call a POISON CENTER or doctor
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
 Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Penetrant-demoisturant Compound.

| Chemical name | CAS No. | Weight-% |
|---|------------|----------|
| Petroleum Distillates, Hydrotreated light | 64742-47-8 | 60-70 |
| Propane | 68476-86-8 | 15-20 |
| Mineral Oil | 8042-47-5 | 1-5 |
| (Z)-octadec-9-enol | 143-28-2 | 1-5 |
| Aliphatic Hydrocarbon Solvent | 64742-88-7 | 1-5 |
| Alcohols, C6-10, Ethoxylated Propoxylated | 68987-81-5 | 1-5 |
| Hexadecan-1-ol | 36653-82-4 | 0-5 |
| 1-Tetradecanol | 112-72-1 | 0-5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

| | |
|-----------------------|---|
| General Advice | If exposed or concerned: Get medical advice/attention. |
| Eye Contact | If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Call a physician immediately. |
| Skin Contact | Wash with soap and water. Apply hand cream. |
| Inhalation | Remove to fresh air. |
| Ingestion | Do NOT induce vomiting. Call a physician or poison control center immediately. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Symptoms | Inhalation may cause irritation of the trachea and lungs. Direct contact with eyes may cause temporary irritation. May be harmful in contact with skin. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Dry chemical. Foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Aerosol flame projection test: 18" extension at 70 F. Aerosols may rupture violently at temperatures above 120 F.

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 Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from heat. Protect from direct sunlight. Do not store at temperatures above 120°F.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

This product, as supplied, is not known to contain any materials with established occupational exposure limits.

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Proper eye care is needed in all industrial operations.

Skin and Body Protection No protective equipment is needed under normal use conditions.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|-----------------------|---------------------------|-----------------------|----------------|
| Physical state | Aerosol | Odor | Bland |
| Appearance | Pale straw colored liquid | Odor Threshold | Not determined |
| Color | Pale straw | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|------------------------|--------------------------------|
| pH | Not determined | |
| Melting point / freezing point | Not available | |
| Boiling point / boiling range | 72-204 °C / 162-400 °F | |
| Flash point | Not available | |
| Evaporation Rate | 120 minutes | |
| Flammability (Solid, Gas) | Not determined | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | 6.0% | |
| Lower flammability or explosive limits | 1.0% | |
| Vapor Pressure | 1 mm Hg | |
| Vapor Density | >1 | (Air=1) |
| Relative Density | 0.772 | |
| Water Solubility | Not determined | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Autoignition temperature | Not determined | |
| Decomposition temperature | Not determined | |
| Kinematic viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

Other information

Liquid Density 6.442 weight/gallon

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

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

Avoid temperatures above 120°F. Avoid direct sunlight.

Incompatible materials

None known.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Eye Contact Avoid contact with eyes.

Skin Contact May be harmful in contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|-------------------------|------------------------|
| Petroleum Distillates, Hydrotreated light 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| Mineral Oil 8042-47-5 | > 5000 mg/kg (Rat) | - | - |
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| Aliphatic Hydrocarbon Solvent 64742-88-7 | > 25 mL/kg (Rat) | > 3000 mg/kg (Rabbit) | > 13 mg/L (Rat) 4 h |
| Hexadecan-1-ol 36653-82-4 | > 5 g/kg (Rat) | > 2600 mg/kg (Rabbit) | - |
| 1-Tetradecanol 112-72-1 | > 20 g/kg (Rat) | = 8 g/kg (Rabbit) | - |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity

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

Oral LD50 7,073.20 mg/kg
Dermal LD50 3,015.40 mg/kg mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Component Information

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Petroleum Distillates, Hydrotreated light 64742-47-8 | | 2.2: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static | 4720: 96 h Den-dronereides heteropoda mg/L LC50 |
| Mineral Oil 8042-47-5 | | 10000: 96 h Lepomis macrochirus mg/L LC50 | |
| (Z)-octadec-9-enol 143-28-2 | | 0.0029: 96 h Pimephales promelas mg/L LC50 flow-through | |
| Aliphatic Hydrocarbon Solvent 64742-88-7 | 450: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 800: 96 h Pimephales promelas mg/L LC50 static | 100: 48 h Daphnia magna mg/L EC50 |
| 1-Tetradecanol 112-72-1 | 10: 96 h Desmodesmus subspicatus mg/L EC50 | 10000: 96 h Brachydanio rerio mg/L LC50 | |

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

| Chemical name | Partition coefficient |
|------------------------------|-----------------------|
| Propane 68476-86-8 | <=2.8 |
| Mineral Oil 8042-47-5 | >6 |
| Hexadecan-1-ol 36653-82-4 | 6.65 |
| 1-Tetradecanol 112-72-1 | 6.03 |

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

| | |
|----------------------|----------|
| UN/ID No | UN1950 |
| Proper Shipping Name | Aerosols |
| Hazard class | 2.1 |

IATA

UN number UN1950
Proper Shipping Name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN number UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

15. REGULATORY INFORMATION**International Inventories**

| Chemical name | TSCA | DSL/NDSL | EINECS/E LINC S | ENCS | IECSC | KECL | PICCS | AICS |
|---|------|----------|-----------------|------|-------|------|-------|------|
| Petroleum Distillates, Hydrotreated light | X | X | X | | X | X | X | X |
| Propane | X | X | X | | X | X | X | X |
| Mineral Oil | X | X | X | X | X | X | X | X |
| (Z)-octadec-9-enol | X | X | X | X | X | X | X | X |
| Aliphatic Hydrocarbon Solvent | X | X | X | | X | X | X | X |
| Alcohols, C6-10, Ethoxylated Propoxylated | X | X | | | X | X | | X |
| Hexadecan-1-ol | X | X | X | X | X | X | X | X |
| 1-Tetradecanol | X | X | X | X | X | X | X | X |

Legend:

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

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**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).

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

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)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

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| 16. OTHER INFORMATION |
|------------------------------|

NFPA**Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

HMIS**Health Hazards****Flammability****Physical hazards****Personal Protection**

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Issue Date: 01-Sep-2012**Revision Date:** 11-Oct-2018**Revision Note:** New formula**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