

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

1. Identification

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz
Product Code: MAG00443

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Penetrating Oil

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:
Warren Distribution, Inc.
950 S. 10th St., Suite 300
Omaha, NE 68108-3296

Phone number: +01 (800) 825-1235 +01 (402) 341-9397

E-mail address: sds@wd-wpp.com

Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification:

Flammable Aerosol Category 1

Gases under pressure - Dissolved Gas

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 2B

Aspiration Hazard Category 1

Hazardous to the aquatic environment - Acute Category 2

Signal Word:

Danger

Hazard Statements:

Extremely flammable aerosol; Contains gas under pressure; may explode

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

if heated; May be fatal if swallowed and enters airways; Causes skin and eye irritation; May cause damage to organs through prolonged or repeated exposure

Precautionary Statements:

Prevention:

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. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage:

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

Disposal:

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

Hazards not otherwise classified:

No data available

% unknown toxicity (Inhalation Gas):

51.8 % of the mixture consists of ingredient(s) of unknown toxicity.

% unknown toxicity (Inhalation Dust):

51.8 % of the mixture consists of ingredient(s) of unknown toxicity.

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Petroleum distillates, hydrotreated heavy naphthenic	No data available	64742-52-5	30 - 60
Petroleum distillate, aliphatic	No data available	64742-47-8	15 - 40
Solvent naphtha (petroleum) medium aliphatic	No data available	64742-88-7	5 - 10
Carbon dioxide	No data available	124-38-9	1 - 5

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye Contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Ingestion:	

Most important symptoms/effects, acute and delayed:

May be fatal if swallowed and enters airways. Causes skin and eye irritation May cause damage to organs through prolonged or repeated exposure

Indication of immediate medical attention and special treatment needed, if necessary:

Specific treatment (see Sections 4 - 8 of Safety Data Sheet). Get medical advice/attention if you feel unwell.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.
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Unsuitable extinguishing media:	No data available
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Specific hazards arising from the chemical:

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous combustion products:

Carbon dioxide, Carbon monoxide, Smoke, Fumes

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

distance and a protected location due to the potential for hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this SDS. Personal protective equipment needs must be evaluated based on the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

Methods and materials for containment and cleaning up:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. Handling and storage

Precautions for safe handling:

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:

Safe storage conditions:

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

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents

8. Exposure controls/personal protection

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Carbon dioxide	5000 ppm TWA; 9000 mg/m3 TWA	5000 ppm TWA	30000 ppm STEL	40000 ppm IDLH

Appropriate engineering controls: Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Do not breathe dust/fume/gas/mist/vapors/spray.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Nitrile

General hygiene conditions: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: No data available

Odor: Not determined

Odor Threshold: Not determined

pH: No data available

Melting point/freezing point:

Melting Point: No data available

Freezing point: No data available

Initial boiling point and boiling range No data available

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

(°C):

Flash Point (°C): Not determined

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits:

Upper flammability or explosive limits: Not established

Lower flammability or explosive limits: Not established

Vapor pressure: No data available

Vapor density: No data available

Relative density: 0.83

Solubility(ies): Not determined

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition Temperature: Not determined

Viscosity: No data available

10. Stability and reactivity

Reactivity: There are no known reactivity hazards associated with this product.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None expected under standard conditions of storage.

Conditions to avoid (e.g., static discharge, shock, or vibration): Sparks, open flame, other ignition sources, and elevated temperatures.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Fumes, Smoke, Carbon dioxide, Carbon monoxide

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin contact, Eye contact, Inhalation, Ingestion

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

Symptoms related to the physical, chemical and toxicological characteristics:

May be fatal if swallowed and enters airways. Causes skin and eye irritation May cause damage to organs through prolonged or repeated exposure

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion:

No hazard in normal industrial use. Likely to be practically non-toxic by ingestion based on animal data.

Skin Contact:

Causes skin and eye irritation

Absorption:

May be harmful in contact with skin.

Inhalation:

Likely to be practically non-toxic based on animal data.

Eye Contact:

This material is likely to be slightly irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Sensitization:

Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity:

Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive toxicity

Not known or reported to cause reproductive or developmental toxicity.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Classification has been based on toxicological information of the components in Section 3.

Other information:

None known.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Solvent naphtha (petroleum) medium aliphatic	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 3000 mg/kg	Inhalation LC50 (4h) Rat > 13 mg/L
Petroleum distillate, aliphatic	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.2 mg/L
Petroleum distillates,	Oral LD50 Rat > 5000	Dermal LD50 Rabbit > 2000	

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

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Revision Date: 04-22-2021

Replaces: 12-19-2020

hydrotreated heavy naphthenic	mg/kg	mg/kg	
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Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Carbon dioxide	124-38-9	No data available	No data available	LC50 (96h) Rainbow Trout 35 mg/L
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	EC50 (48h) Daphnia magna > 100 mg/L	EC50 (96h) Pseudokirchneriella subcapitata 450 mg/L	LC50 (96h) Pimephales promelas (Fathead Minnow) 800 mg/L
Petroleum distillate, aliphatic	64742-47-8	No data available	No data available	LC50 (96h) Rainbow Trout 2.4 mg/L LC50 (96h) Lepomis macrochirus (Bluegill) 2.2 mg/L LC50 (96h) Pimephales promelas (Fathead Minnow) 45 mg/L
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L

Persistence and degradability:

Biodegrades slowly.

Bioaccumulative potential:

Bioconcentration is expected to occur.

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

Mobility in soil:	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
Other adverse effects (such as hazardous to the ozone layer):	None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:	Dispose of contents and container in accordance with local/regional/national/international regulations.
Waste codes / waste designations:	D001
Contaminated packaging:	Recycle containers whenever possible.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

Exception: UN1950, AEROSOLS, 2.1, LIMITED QUANTITY

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: UN1950
UN Proper shipping name: AEROSOLS
Transport hazard class(es): 2.1
Packing group, if applicable: Not applicable
Exception: LTD QTY
EMS#: F-D, S-U

International carriage of dangerous goods by air (IATA):

UN number: UN1950
UN Proper shipping name: AEROSOLS, FLAMMABLE
Transport hazard class(es): 2.1
Packing group, if applicable: Not applicable
Exception LTD QTY

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

Environmental hazards (e.g., Marine pollutant (Yes/No)): None.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the Active US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	N	N	N	N
Petroleum distillate, aliphatic	64742-47-8	N	N	N	N
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	N	N	N
Carbon dioxide	124-38-9	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	N	N	N	N
Petroleum distillate, aliphatic	64742-47-8	N	N	N	N
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	N	N	N

Safety Data Sheet

Product identifier used on the label: MAG 1 PENETRATING OIL 443 12/12oz

Product Code: MAG00443

Revision Date: 04-22-2021

Replaces: 12-19-2020

Carbon dioxide	124-38-9	N	N	N	N
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Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	N	N	N	N	N
Petroleum distillate, aliphatic	64742-47-8	N	N	N	N	N
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	N	N	N	N
Carbon dioxide	124-38-9	Y	Y	Y	N	Y

16. Other information, including date of preparation or last revision.

SDS Prepared by:

DB_HAZOX

Revision Date:

04-22-2021

Revision Number:

4

Reason for revision:

Activated by Document Formulation Generation

References:

No data available

Other Info:

No data available

Disclaimer:

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