

1. Item Identification

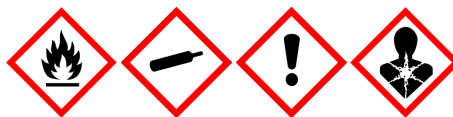
Trade Name: Penetrating Oil Spray
Product Code: ZY-620-1543
Recommended Use: Cleaning and lubrication of metal or alloy parts.
Manufacturer / Supplier: Maven Industrial Supply, Inc.
 9717 Lurline Ave.
 Chatsworth, CA 91311 USA
 Phone #: 1-800-299-3291
 Website: mavenindustrial.com
Emergency Phone Number: ChemTel: 1-800-255-3924

2. Hazard Identification

Classification of the mixture

Flam. Aerosol 1	H222	Extremely flammable aerosol.
Press. Gas	H280	Contains gas under pressure; may explode if heated.
Eye Irrit. 2A	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard Statements:

Danger
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

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.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
 Store in a well-ventilated place. Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Trade Name: Penetrating Oil Spray

3. Composition / Ingredient Information

Chemical characterization: Mixture**Chemical description:** A mixture of below substances and nonhazardous additions.**Dangerous Components:**

67-64-1	Acetone	10-15%
8008-20-6	Kerosine (petroleum)	10-15%
74-98-6	propane	5-10%
106-97-8	n-butane	1-5%
2807-30-9	Glycol Ether EP	1-5%

4. First-Aid Measures

After inhalation: Supply fresh air; consult doctor in case of complaints.**After skin contact:** Remove contaminated clothing. Wash exposed area with soap and water.**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing:** Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.**Important symptoms:** Dizziness**Indicators for immediate medical attention:** No further relevant information available.

5. Fire Fighting Measures

Extinguishing agents: CO₂, extinguishing powder or water spray.
Fight larger fires with water spray.**Special hazards:** Can form explosive gas-air mixtures.**PPE for firefighters:** A respiratory protective device may be necessary.

6. Accidental Release Measures

Precautions, PPE, and emergency procedures: Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.**Method for containment & clean up:** Ensure adequate ventilation.

7. Handling & Storage

Required precautions: Use only in well ventilated areas.
Keep away from sources of heat and direct sunlight.
Do not warehouse in sub-freezing conditions.
Store locked up.

Trade Name: Penetrating Oil Spray

8. Exposure Controls / Personal Protection**Components with limit values to be monitored in the workplace:****8012-95-1 Petroleum hydrocarbon**

PEL (USA)	Long-term value: 5 mg/m ³
REL (USA)	Short-term value: 10 mg/m ³
TLV (USA)	Long-term value: 5 mg/m ³ oil mist

67-64-1 Acetone

PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI

8008-20-6 Kerosine (petroleum)

REL (USA)	Long-term value: 100 mg/m ³ Kerosine only
TLV (USA)	Long-term value: 200 mg/m ³ as total hydrocarbon vapor; Skin; P

74-98-6 Propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs & BEIs book; D, EX

106-97-8 N-Butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

Ingredients with biological limit values:**67-64-1 Acetone**

BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
-----------	--

Hygienic protection: Keep away from food, drinks and animal feed.
Wash hands after use.
Do not eat or drink while working with this substance.

Breathing Equipment: A respirator is generally not necessary when using this product outdoors in large, well ventilated areas. In situations where overexposure exists, a charcoal filter respirator should be worn.
If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand Protection: Nitrile gloves. The glove material must be impermeable and resistant to the substance.

Eye Protection: Tightly sealed goggles.

Trade Name: Penetrating Oil Spray

9. Physical and Chemical Properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/range:	Undetermined.
Boiling point:	-44 °C (-47.2 °F)
Flash point:	-19 °C (-2.2 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	Not determined.
Upper Explosion Limit:	Not determined.
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapor density:	Not determined.
Evaporation rate:	Not applicable.
Partition coefficient: (n-octonal/water)	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.

10. Stability and Reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.
Hazardous decomposition:	No dangerous decomposition products known.

11. Toxicological Information

Toxicological effects:	No data available.
Skin effects:	No irritant effect.
Eye effects:	No irritating effect.
Sensitization:	No sensitizing effects known.

Trade Name: Penetrating Oil Spray

12. Ecological Information

Aquatic toxicity:	Hazardous for water, do not empty into drains.
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes.
Other information:	This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Other adverse effects:	No further relevant information available.

13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14. Transport Information

UN-Number:	UN1950
DOT:	UN1950; Aerosols, flammable
ADR:	1950 Aerosols
Transport hazard class(es):	Class 2.1
Marine pollutant:	No
Special precautions for user:	Warning: Gases
EMS Number:	F-D,S-U
Packaging Group:	--
UN "Model Regulation":	UN1950, Aerosols, 2.1

15. Regulatory Information

SARA Section 355:	None of the ingredients in this product are listed.
SARA Section 313:	None of the ingredients in this product are listed.
Toxic Substance Control Act:	All hazardous ingredients are listed in previous sections.
Canadian Domestic Substance List:	All ingredients are listed or exempted.
Consumer Product Safety:	This product complies with 16 CFR 1303 and does not contain more than 90ppm of lead.
California Prop. 65:	No ingredients in this product are listed.
EPA:	67-64-1 Acetone

16. Other Information

Contact: Regulatory Affairs