

MILITARY / COMMERCIAL AVIATION



Penetone 1090 is a self-emulsifying solvent cleaner compliant with MIL-PRF-11090.

It is designed to remove oils, greases, asphalt, tars and non-wax based rust preventive compounds from metallic and painted surfaces.

Penetone 1090 can also be used to soften and remove certain plastic coatings.

FEATURES AND BENEFITS

- Removes oils, greases, asphalt, tar
- Thin liquid
- Easy to rinse
- No unusual storage requirements

Use procedures

UNDER MIL-PRF-11090 (cleaning compound, degreasing and depreserving solvent; self emulsifying): **Penetone 1090** may be used by soak, brush or spray application. Do Not Dilute. Allow the compound to dwell on surface for 3 to 5 minutes before rinsing. The two recommended procedures for spray application are as follows:

METHOD 1 - Penetone 1090 is applied by spray gun at pressure of 4 psi. Hold nozzle of the gun about six inches away from surface. A heavy stream of liquid is recommended. If the soil is not softened 3 to 5 minutes after application, repeat the application. Rinse by means of a steam jenny at 40 to 50 psi or hot water at 25 to 50 psi. If water cannot be used, rinse with Stoddard Solvent.

METHOD 2 - Penetone 1090 is applied by spray at 20 psi. Hold nozzle six inches from work. Do not rinse. Product run off can then be recycled and reused.

Note

Do not use **Penetone 1090** to clean acrylic plastics. It will soften and remove plastic coatings.

PENETONE® 1090

SELF-EMULSIFYING SOLVENT CLEANER

PHYSICAL PROPERTIES

Appearance	Clear liquid
Odor	Aromatic
pH	Not applicable
Freezing Point	Less than 20°F
Boiling Point	350-410°F
Flash Point (TCC)	145°F
Relative Density	0.92
Auto-Ignition Temperature	Not determined
Water Solubility	Emulsifies
Viscosity	Less than 5 CP at room temperature

INCOMPATIBILITY

Strong oxidizing agents.

WAREHOUSING PRECAUTIONS

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

APPROVALS

MIL-PRF-11090H

AVAILABLE SIZES

5 gallon Pail

55 gallon Drum

FIRST AID MEASURES

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 or develops: Get medical advice or attention. Penetone recommends that after any eye exposure a physician be seen immediately.

If swallowed: Immediately call a poison center, doctor, physician or other competent medical authority. Rinse mouth. Product presents an aspiration hazard. **DO NOT INDUCE VOMITING.**

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used to wash skin. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice or attention.

PERSONAL PROTECTION Security equipment



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IMPORTANT: Before using **PENETONE 1090**, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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