

PENETONE® 1090

Self-Emulsifying Solvent Cleaner

- **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 preventative compounds from metallic and painted surfaces. It can also be used to soften and remove certain plastic coatings.

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 6 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 6 inches from work. Do not rinse. Product run off can be recycled and reused.



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

Features and Benefits

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

Available Sizes

- 55 gallon drum
- 5 gallon pail

Approvals

- MIL-PRF-11090H

Chemisphere
2101 Clifton Ave,
St. Louis, MO 63139

chemispherecorp.com

Integrity Partners Group
1111 Industry Ave SE,
Roanoke, VA 24013

integritypartnersgrp.com

Chemsolv
1111 Industry Ave SE,
Roanoke, VA 24013

chemsolv.com

Eden Custom Processing
328 Summit Rd.
Eden, NC 27288

ecpchem.com

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 well-ventilated place. Keep container tightly closed. Keep cool. 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).

Personal Protection/Security Equipment



WHMIS



First Aid Measures

If in the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for several minutes. If eye irritation persists or develops: Get medical advice or attention. Chemisphere 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.

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