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**TECHNICAL DATA SHEET**

# HB-15

## TUNE-UP

### Carburetor Cleaner

#### DESCRIPTION:

- Skillfully compounded two-phase liquid, developed for rapid cleaning of metal parts
- For use on carburetors, master cylinders, fuel pumps, automatic transmissions, pistons and diesel engine parts, to name a few.
- Lower layer consists of a combination of chlorinated solvents, phenolic compounds, other selected solvents, emulsifiers and wetting agents.
- Top layer is an alkaline solution which seals the bottom layer to prevent undue evaporation of the solvents.
- Non-flammable, and harmless to metals if used as directed.

#### PURPOSE:

- Formulated for use as a cold soak vat cleaner for removal of light carbon deposits, paint, scum, gums, oil and grease from metal.
- Fast acting, non-flammability
- Excellent cleaning aid for use in all automotive, aircraft, forklift and metal shops.

#### DIRECTIONS FOR USE:

**Dispense solution:** Pour the required amount of solution from the container into the cold vat. When transferring less than the entire container of solution from its drum to the cold vat, it is extremely important that the drum be vigorously mixed. With the large drums, this can be done by placing the drum on its side and rolling it for a few minutes. After removing solution from its container, allow it to set in the cold vat for a few minutes while the alkaline seal separates from the working solution.

**Clean Parts:** Immerse parts in cold solution. Agitate frequently or use mechanical agitation to speed cleaning process. Do not use air bubbling system. Be sure parts are completely immersed in the bottom layer of solution. Any portion of the part protruding into the upper (seal) layer may not be cleaned adequately. The upper (seal) layer can also cause discoloration and corrosion of aluminum and other soft metals.

**Special Conditions:** For steel, iron, Copper and brass parts: Immerse parts as long as necessary to remove stubborn deposits of carbon, tar and fuel residues.

For aluminum and other soft metal parts: Immerse parts up to a period of two hours. If immersion time exceeds two hours, discoloration or corrosion of the part may occur. With aluminum parts, exceeding the time of immersion usually will only result in a brown discoloration of the part.

**Rinse:** After immersion, parts may be rinsed with mineral spirits or water.

Continued on Page 2

**ADVANTAGES:**

1. Contains built-in alkaline seal to prevent excessive evaporation of valuable solvents
2. Readily attacks oil and grease soils, light carbon, paint, varnishes, scum and gum.
3. Free rinsing with water or solvent.
4. Harmless to metals when used as directed.
5. Non-flammable

**SAFETY:**

Label use directions should be followed carefully. OSHA Material Safety Data Sheet available.

**PRECAUTIONS:**

**DANGER! CORROSIVE! HARMFUL OR FATAL IF SWALLOWED!**

- HB-15 Tune-Up should never be heated.
- Contains petroleum distillates, phenolic compounds, cresylic acid and methylene chloride.
- Avoid breathing vapor.
- May be harmful for personnel with heart conditions.
- Use with adequate ventilation.
- Keep off skin and clothing.
- Wear protective clothing (gloves - solvent resistant type, etc.) and safety glasses with side shields or goggles when handling.
- Do not swallow.
- If swallowed: Call a physician immediately.

**Eye contact:**

Flush with plenty of cool water for 15 minutes and seek immediate medical attention,

**Skin and clothing contact:**

- Remove contaminated clothing,
- Wash affected area with mild soap and water.
- If irritation persists, see a doctor,

**FOR COMMERCIAL OR INDUSTRIAL USE ONLY -- KEEP OUT OF REACH OF CHILDREN**