

TETRA-CHEM INDUSTRIES LTD.



SPECIALTY CHEMISTRY • INNOVATIVE ENGINEERING
APPLICATION TECHNOLOGY • WASTE MANAGEMENT SYSTEMS

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Check out our Web Site !
www.tetra-chem.com

PRODUCT IDENTIFIER:

PROCESS IDENTIFIER:

PRODUCT PRESENTATION

TCI 109 H.D. BLENDED ALIPHATIC SOLVENT DEGREASER is derived from a **virgin stock** of high purity clear, low viscosity liquids with a distinct orange aroma. It is distilled from the oil extracted from the peel or rind of oranges, lemons, limes, grapefruit and tangerines. The chemical name of this liquid is d'limonene. It's physical properties are a combination of aliphatic and aromatic hydrocarbon properties having a high boiling point, low evaporation rate, a high flash point and excellent solvency for oil, grease, tar and asphalt. Ideal as a user friendly solution to olfactory repulsive products. Parts clean and rinse film free. The cleaning performance is superior to petroleum distillates and recycled waste products ie. VARSOL because it targets the entire soil spectrum.

TCI 109 H.D. is non-conductive with a dielectric strength of > 28,000 volts. It is non-corrosive ie. no ionization, thus does not promote flash rusting. It is not soluble or emulsifiable in water.

PACKAGING: 25 Litres, 205 Litres

PRODUCT APPLICATION PRESENTATION

T C I 1 0 9 H . D .TM

NON-AQUEOUS ALIPHATIC SOLVENT CLEANER

PROCESS INTRODUCTION

TCI 109 H.D. is a practical, renewable resource **BIODEGRADABLE AND ENVIRONMENTALLY FRIENDLY** multi-purpose cleaning product designed to meet today's progressive maintenance needs. It is ideal for all applications where stricter environmental pollution standards and stringent health and safety criteria require a product that is safer. It is designed to remove oil, dirt, grease, tar, asphalt, varnish, water soluble compounds and a combination of this dirt from any metal, plastic, rubber and ceramic surfaces with minimal agitation. **TCI 109 H.D.** does not harm cured paints while soaking or after the painted surface has been wiped.



PROCESS SPECIFICITY

TCI 109 H.D. is designed for the machine shop, electronics, steel and aluminum fabricators, engine rebuilders, auto electric rebuilders, transmission rebuilders, automotive service, aviation, marine and agricultural related industries. It is versatile and economical. It is ideal for immersion and recirculating parts washer tanks like **MODEL 10, MODEL 45, MODEL 75, MODEL 100** (See "**PARS WASHERS**" brochure), vibratory finisher's, media shakers, media tumblers and air siphon guns. The surfaces being cleaned can air dry or be mechanically dried by forced air without leaving contaminating residues. **TCI 109 H.D.** is used at full strength.

SOLUTION DISPOSAL

According to the Ontario Ministry of the Environment and Energy "Regulation 347" and local municipal by-laws, the cleaning process has generated a liquid industrial waste.

The spent waste solvent and sludge is removed from the parts washer systems by **Tetra-Chem Industries Ltd.** for recycling as alternative energy at **NO CHARGE** on delivery of fresh product. ONTARIO CERTIFICATE OF APPROVAL #A 800506.

PLEASE CALL OUR **TECHNICAL SUPPORT LINE @ 1-888-658-5515** FOR SOLUTIONS TO YOUR INDUSTRY.
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