

TOOL KOOL #1745

Clinging Coolant and Lubricant for Machining Operations



Features:

- Lubricates and cools
- Clinging Formula
- Protects finished pieces from rust and corrosion
- Foaming spray
- Increases production
- Withstands extreme pressure
- Extends tool life



Description:

TOOL KOOL is a heavy-duty cutting lubricant that is formulated for all types of machine shop uses. It contains a special synthetic blend of lubricants and thickening agents making it ideal for difficult machining, tapping and thread cutting operations that involve high carbon steel, alloy steel, stainless steel, as well as free machining soft steel. Its unique formula clings to the cutting bit to provide excellent lubrication and rapid heat removal, to extend valuable tool life and ensure a superior finish. TOOL KOOL is made especially to withstand extreme pressure and keep operating temperatures low.

Applications:

- Milling
- Tapping
- Boring
- Thread Cutting
- Cutting
- Sawing
- Grinding Wheels
- Machine Tools

Product Characteristics:

Appearance:	Clear spray/mist
Color:	Colorless
Odor:	Solvent.
Boiling Point:	Not available
Vapor Pressure:	Not available
Water Solubility:	Insoluble
Relative Density:	0.8
Flash Point:	< 50°F (liquid portion)
VOC Content (Wt. %):	31
pH:	Not applicable
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Store locked up.
Transport Information:	
UN Number:	UN1950
Proper Shipping Name:	Aerosols, flammable
Class:	2.1
Packing Group:	-

Directions:

SHAKE WELL BEFORE USING. Hold nozzle 6 to 8 inches from surface requiring lubrication. Generously spray onto cutting surface or tool. Reapply as necessary to maintain lubrication level.

Note: Not recommended for use on copper or aluminum.

Pictograms:



Signal Word:

DANGER

Personal Protective Equipment Required:



DOT Placard:

Not available.

VOC Compliancy:

Not available.







SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1745	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	TOOL KOOL	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Clinging Coolant And Lubricant For Machining Operations	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Aspiration Hazard - Category 1 Skin Irritation - Category 2 Eye Irritation - Category 2 Specific Target Organ Toxicity (single exposure) - Category 3 Flammable Aerosols - Category 1 Gasses under pressure - Liquefied gas	SIGNAL WORD: DANGER	SYMBOL:				
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HAZARD STATEMENTS:

Keep out of reach of children.
Read label and SDS before use.
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness.
Causes skin irritation.
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention:

Avoid breathing mist/spray.
Use only outdoors or in a well-ventilated area.
Keep away from heat, sparks, open flames, and 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.
Wash hands thoroughly after handling.
Wear protective gloves.
Wear eye protection.

Response:

IF SWALLOWED: Immediately call a poison center or a doctor. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs get medical attention.
Take off contaminated clothing and wash it before reuse.
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: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center or a doctor if you feel unwell.

Storage:

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Store in a well-ventilated place.
Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Hydrotreated Paraffinic Distillate	64742-54-7	>=50 <= 70
Light Hydrotreated Petroleum Distillate	68410-97-9	>=10 <= 20
Propane	74-98-6	>=10 <= 20
Kerosene	8008-20-6	>=1 <= 5
Butane	106-97-8	>=1 <= 5

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: Extremely flammable. Contents under pressure. Harmful or fatal if swallowed. Aspiration hazard if swallowed. Vapor harmful. Keep away from heat and flame. Can cause nervous system depression.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

Harmful or fatal if swallowed. Seek medical attention immediately. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion.

Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion.

Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon Dioxide. Carbon Monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil, and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Butane

ACGIH TLV: 1000 ppm

Hydrotreated Paraffinic Distillate

ACGIH TLV: 5 mg/m³

OSHA PEL: 5 mg/m³ (mist)

Kerosene

ACGIH TLV: 200 mg/m³

Propane

ACGIH TLV: 1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

RESPIRATOR PROTECTION: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear spray/mist.	Explosive Limit Ranges:	Not available.
Physical State:	Liquid.	Explosive Properties:	Not available.
Color:	Colorless.	VOC Content (Wt. %):	31
Odor:	Solvent.	Oxidizing Properties:	Not available.
Odor Threshold:	Not available.	Vapor Density:	Not available.
pH:	Not applicable.	Vapor Pressure:	Not available.
Melting/Freezing Point:	Not available.	Relative Density:	0.8

Boiling Point:	Not available.	Solubility (water):	Insoluble.
Viscosity:	Not available.	Auto-Ignition Temperature:	Not available.
Flash Point:	< 50°F (liquid portion)	Decomposition Temperature:	Not available.
Evaporation Rate:	Not available.	Partitoin Coeff (n-octanol/water):	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids and strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO₂.

*Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact, inhalation.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin, and skin burns.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

CHRONIC/LONG TERM EFFECTS:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Signs and Symptoms of Overexposure: Signs and symptoms of overexposure to this material through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Central nervous system.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

None known.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, or OSHA.

ACUTE TOXICITY VALUES:

Not available.

12. Ecological Information

Not available.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1950

Proper shipping name: Aerosols, flammable.

Class: 2.1

Packing group: -

15. Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire () Pressure () Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001.

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.



TOOL KOOL LUBRICANT

for Machining Operations

Clinging Coolant

DANGER
EXTREMELY FLAMMABLE
HARMFUL OR FATAL IF SWALLOWED.
VAPORS HARMFUL. CONTENTS UNDER PRESSURE.
KEEP OUT OF REACH OF CHILDREN.
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

CONTAINS NO CFCs WHICH DEplete THE OZONE LAYER
NO CFCs

NET WT.: 16 OZ (1 LB) (454 G)



TOOL KOOL is a special blend of synthetic oils and thickening agents. This product remains on the cutting bid even under extreme pressures. Keeps operating temperatures cool. Protects from rust and corrosion. Not recommended for use on copper or aluminum.

DIRECTIONS

Shake well before using.

Hold nozzle 6 to 8 inches from surface requiring lubrication. Generously spray onto cutting surface or tool. Reapply as necessary to maintain lubrication level.

TOOL KOOL

DANGER

KEEP OUT OF REACH OF CHILDREN. READ LABEL AND SDS BEFORE USE. EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. MAY CAUSE DROWSINESS OR DIZZINESS. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION.



Avoid breathing mist/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not spray on open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves. Wear eye protection.

FIRST AID

IF SWALLOWED: Immediately call a poison center or a doctor. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse. 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: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Store locked up. Dispose of contents and container in accordance with all local, regional, and national regulations.

An Exclusive Product of PRO CHEM, INC.
1475 Bluegrass Lakes Parkway, Alpharetta, GA 30004
TO REORDER CALL: 1-800-241-8180 • www.procheminc.com

INGREDIENTS (C.A.S.#): Hydrotreated Paraffinic Distillate (64742-54-7), Kerosene (8008-20-6), Light Hydrotreated Petroleum Distillate (68410-97-9), Propane (74-98-6), Butane (106-97-8).

HMS RATINGS: Health: 2; Flammability: 4; Reactivity: 0;
Maximum Personal Protection: G

This product is designed exclusively for industrial and institutional use by trained personnel. This product is sold "as is" and the manufacturer makes no warranty, express or implied, of merchantability, fitness for a particular purpose or otherwise.

Product Code: 1745

