

# SAFETY DATA SHEET



Date Prepared : 08/27/2015

MSDS No : R/A TWG

## ResistAll Tar-Wax & Grease Remover

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ResistAll Tar-Wax & Grease Remover  
**GENERAL USE:** Automotive painted surface cleaner  
**CHEMICAL FAMILY:** Mixture

#### MANUFACTURER

Cal-Tex Protective Coatings, Inc.  
 7455 Natural Bridge Caverns Rd.  
 Schertz, TX 78154-3210  
**Customer Service:** 210-564-3200

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (US Transportation): 800-535-5053  
 Poison Control Center (Medical): 877-800-5553

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Skin Irritation, Category 2  
 Aspiration Hazard, Category 1

##### Physical:

Flammable Liquids, Category 3

#### GHS LABEL



Flame

Health  
hazardExclamation  
mark

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H226: Flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.  
 P242: Use only non-sparking tools.  
 178906Z7: Take precautionary measures against static discharge.  
 26988X51: Wash face, hands and any exposed skin thoroughly after handling.  
 66683DSD: Wear protective gloves/ eye protection/ face protection

##### Response:

## ResistAll Tar-Wax &amp; Grease Remover

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370: In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P331: Do NOT induce vomiting.

**Storage:**

P405: Store locked up.

P403+P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

3912LZZT: Dispose of contents/container in accordance with local, state and federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Petroleum Distillates, Hydrotreated Light	10 - 20	64742-47-8
2- Butoxyethanol	1 - 5	111-76-2
D-limonene	8 - 12	5989-27-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash affected area with soap and water. If irritation develops and persists, get medical attention. Wash contaminated clothing before reuse.

**INGESTION:** DO NOT induce vomiting, get medical attention/advice if you feel unwell.

**INHALATION:** Move to fresh air. Call a physician if symptoms develop or persist.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** May include redness, swelling, pain, tearing, and blurred or hazy vision.

**SKIN:** May include localized redness, swelling, and itching.

**INGESTION:** May include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**INHALATION:** May include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**NOTES TO PHYSICIAN:** Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

**5. FIRE FIGHTING MEASURES**

**GENERAL HAZARD:** Heat from nearby fire may evaporate water from the product, leaving combustible components.

**EXTINGUISHING MEDIA:** Use water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

**HAZARDOUS COMBUSTION PRODUCTS:** Burning may produce toxic vapors, including carbon monoxide.

**EXPLOSION HAZARDS:** Vapors may form explosive mixtures with air.

**FIRE FIGHTING PROCEDURES:** Avoid flow of material into drains. Use a water spray to cool fire-exposed containers. Do not enter any enclosed or confined space without proper PPE.

**FIRE FIGHTING EQUIPMENT:** Firefighters should use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Soak up with sawdust, sand, oil dry, paper towel or other absorbent material

**LARGE SPILL:** Confine spill by diking or impoundment. Clean up spill by absorbing with an inert material such as sand, soil, sawdust, oil dry or vermiculite. Sweep up absorbant and dispose according to regulatory requirements. Ventilate area to avoid breathing vapors or dust.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Keep spills and cleaning runoffs out of storm sewers and open bodies of water.

**LAND SPILL:** Prevent further leakage or spillage if safe to do so.

**GENERAL PROCEDURES:** Remove sources of heat or ignition. Stop spill/leak at source if possible without risk.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear appropriate personal protective equipment.

**COMMENTS:** Keep unnecessary personnel away, isolate spill ro leak area, beware of slippery floors and surfaces

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep out of reach of children. Keep container closed when not in use to prevent drying out.

**HANDLING:** Keep away from heat, sparks, flame or any other ignition source.

**STORAGE:** Store in original container protected from direct sunlight in a dry, cool, well-ventilated area and away from food and drink.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Petroleum Distillates, Hydrotreated Light	TWA	[1]	5 [1]	200	5
	STEL			[2]	10 [2]
2- Butoxyethanol	TWA	50	240	20	120
D-limonene	TWA			30	
<b>Footnotes:</b>					
1. Mist					
2. Inhalable fraction					

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** If contact is likely, safety glasses with side shields are recommended.

**SKIN:** Suitable chemical protective gloves should be worn when the potential exists for prolonged or repeated skin exposure. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Nitrile gloves are recommended.

**RESPIRATORY:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/state requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic"

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may be useful in determining the suitability of various types of respirators.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing. Wear appropriate chemical resistant clothing if applicable.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice.

**OTHER USE PRECAUTIONS:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Viscous liquid

**ODOR:** Slight solvent odor

**ODOR THRESHOLD:** Not Available

**COLOR:** Off white

**pH:** 8.2

**FLASH POINT AND METHOD:** 77°C (171°F)

**FLAMMABLE LIMITS:** Not Available to Not Available

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**MELTING POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Dispersible

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.01

**VISCOSITY:** Not Established

**(VOC):** < 1.000 %

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** This product is stable and non-reactive under normal conditions of use, storage and transport.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal storage and handling conditions.

**CONDITIONS TO AVOID:** Keep away from extreme heat, strong acids and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon decomposition this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE**

## ResistAll Tar-Wax &amp; Grease Remover

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
2- Butoxyethanol	745 mg/kg (Rat)	1250 mg/kg (Rat)	550 ppm (Rat 4hr)
D-limonene	> 5000 mg/kg (Rabbit)	> 5000 mg/kg (Rabbit)	> 1000 mg/l (mouse)

**EYE EFFECTS:** Direct contact with eyes may cause temporary irritation.

**SKIN EFFECTS:** Harmful if absorbed through skin. May cause irritation, defatting or dermatitis and damage to organs through prolonged or repeated exposure by skin contact.

#### CARCINOGENICITY

**Notes:** The ingredients of this product are not classed as carcinogenic by ACGIH, IARC, OSHA or NTP.

**REPEATED DOSE EFFECTS:** Prolonged or repeated contact with product may cause drying or chapping of the skin.

**SENSITIZATION:** This product is not expected to cause skin sensitization.

**REPRODUCTIVE EFFECTS:** Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

**TARGET ORGANS:** Not classified.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**BIOACCUMULATION/ACCUMULATION:** Product is not expected to bioaccumulate.

**GENERAL COMMENTS:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations. Send to a licensed/permitted waste desposer, recycler, reclaimer or incinerator.

**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**RCRA/EPA WASTE INFORMATION:** Wastes of this product must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** In containers of 119 gallons or less, this product ships as "Non-Regulated" per US DOT exemption for Combustible Liquids (49 CFR 173.150).

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

ResistAll Tar-Wax & Grease Remover

**311/312 HAZARD CATEGORIES:** None

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None listed

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** Not Regulated

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Not listed

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria in accordance with 40 CFR 723.

**CLEAN AIR ACT**

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** Not Regulated

**CALIFORNIA PROPOSITION 65:** This product does not contain any substances which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

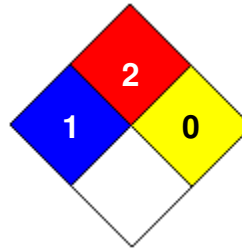
## 16. OTHER INFORMATION

**PREPARED BY:** Cal-Tex Compliance Office **Date Prepared:** 08/27/2015

### HMIS RATING

HEALTH		1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

### NFPA CODES



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