

# SAFETY DATA SHEET



Date Prepared : 03/10/2015

MSDS No : R/A IFR II

## ResistAll Industrial Fallout Remover II

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ResistAll Industrial Fallout Remover II

**GENERAL USE:** Removal of industrial fallout from automobile painted surfaces.

**PRODUCT CODE:** ResistAll IFR II

**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 800-535-5053

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Skin Corrosion, Category 2

Eye Irritation, Category 2B

**GHS LABEL**



Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H315: Causes skin irritation.

H320: Causes eye irritation.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

6458G8LP: Wash hands thoroughly after handling.

17958T50: Wear protective gloves.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water/...

P362: Take off contaminated clothing.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

**EMERGENCY OVERVIEW**

## ResistAll Industrial Fallout Remover II

**PHYSICAL APPEARANCE:** White opaque liquid

**IMMEDIATE CONCERNS:** May cause eye and skin irritation.

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** Repeated or excessive contact can cause moderate irritation, de-fatting or dermatitis.

**INGESTION:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:** Repeated or excessive inhalation of spray or mist may cause respiratory tract irritation.

**MEDICAL CONDITIONS AGGRAVATED:** Dermatitis may be aggravated by excessive exposure to skin.

**ROUTES OF ENTRY:** Include skin contact, eye contact, inhalation and ingestion.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Oxalic Acid	5 - 10	144-62-7
Ammonium Hydroxide	1 - 5	1336-21-6
Citric Acid	0.1 - 1	77-92-9

### 4. FIRST AID MEASURES

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

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

**INGESTION:** If swallowed, do not induce vomiting, give several glasses of water. Get medical attention/advice if you feel unwell.

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

### 5. FIRE FIGHTING MEASURES

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

**EXTINGUISHING MEDIA:** Water, water fog, foam, dry chemical power, carbon dioxide (CO<sub>2</sub>).

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, formic acid

**FIRE FIGHTING PROCEDURES:** Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

**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.

**GENERAL PROCEDURES:** Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**COMMENTS:** In case of spills, 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:** Use care in handling. Avoid contact with eyes, skin, and clothing. Avoid release to the environment. Follow label directions.

**STORAGE:** Do not store near strong oxidants or open flames. Store in original container protected from direct sunlight in a dry, cool, well-ventilated area and away from food and drink. Keep container closed when not in use.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Oxalic Acid	TWA		1		1		
	STEL		2		2		
Ammonium Hydroxide	TWA	50		35		25 [1]	[1]
Citric Acid	TWA		15				
<b>Footnotes:</b>							
1. NIOSH REL							

**PERSONAL PROTECTIVE EQUIPMENT**

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

**SKIN:** If prolonged or repeated contact is likely, protective gloves are recommended.

**RESPIRATORY:** Not normally needed. If ventilation is not sufficient to effectively prevent buildup of vapor/mist, appropriate NIOSH/MSHA respiratory protection should be provided.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Slight pungent odor

**APPEARANCE:** White liquid

**pH:** 3.6

**FLASH POINT AND METHOD:** Not Available

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

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**SOLUBILITY IN WATER:** Completely soluble

ResistAll Industrial Fallout Remover II

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.023

**VISCOSITY:** Similar to water

## 10. STABILITY AND REACTIVITY

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

**HAZARDOUS POLYMERIZATION:** 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.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	INHALATION LC <sub>50</sub> (rat)
Ammonium Hydroxide	350 mg/kg (Rat)	3670 mg/l (Rat)

**EYE EFFECTS:** May cause irritation.

**SKIN EFFECTS:** May cause irritation, defatting or dermatitis.

### CARCINOGENICITY

**IARC:** Not listed

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

**IRRITATION:** Prolonged inhalation may be harmful.

**REPRODUCTIVE EFFECTS:** This product is not expected to cause reproductive or developmental effects.

## 12. ECOLOGICAL INFORMATION

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

**AQUATIC TOXICITY (ACUTE):** Product is not expected to be toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local waste disposal regulations.

**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.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated as dangerous goods.

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated as dangerous goods.

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

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

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** Not listed

**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.

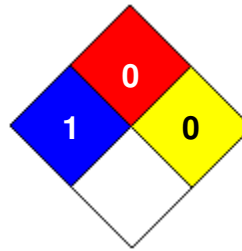
**OSHA HAZARD COMM. RULE:** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**16. OTHER INFORMATION**

**PREPARED BY:** Cal-Tex Compliance Office **Date Prepared:** 03/10/2015

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**NFPA CODES****DATA SOURCES:**

- Threshold Limit Values and Biological Exposure Indices. American Conference of Governmental Industrial Hygienists.
- TSCA & SARA Title III, US Environmental Protection Agency and the National Technical Information Services
- Raw Material Manufacturers Material Safety Data Sheets

**MANUFACTURER DISCLAIMER:** We believe the statements, technical information and recommendations contained herein are reliable. However, the data is provided without warranty, expressed or implied. It is the users responsibility both to determine safe conditions for use of this product and assume loss, damage or expense, direct or consequential, arising from its use. Before using this product, read label. The information contained in this publication is intended for general information purposes only. This publication is not a substitute for review of the applicable government regulations and standards, and should not be construed as legal advice or opinion. Readers with specific questions should refer to the cited references.