

SAFETY DATA SHEET



ResistAll Car Wash (Extra Concentrate)

Date Prepared : 05/31/2015
 MSDS No : R/A Car Wash
 Date Revised : 06/01/2015
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ResistAll Car Wash (Extra Concentrate)
GENERAL USE: Hard 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

This mixture does not meet the criteria for classification.

GHS LABEL

This product is not considered hazardous under the OSHA Hazard Communication Standard (HCS 2012)

PRECAUTIONARY STATEMENT(S)

Prevention:

9470YS4V: Observe good industrial hygiene practices.

Response:

6458G8LP: Wash hands thoroughly after handling.

Storage:

P404: Store in a closed container.

Disposal:

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

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear yellow liquid

IMMEDIATE CONCERNS: May cause slight eye irritation. May be mildly irritating to the skin.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INGESTION: Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

ResistAll Car Wash (Extra Concentrate)

INHALATION: Health injuries are not known or expected under normal use.

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
Sodium Hydroxide	1 - 2	1310-73-2
Diethanolamine	0.1 - 1	111-42-2

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

INHALATION: If inhaled, remove to fresh air. If irritation develops or persists, get medical attention.

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: Treat symptomatically.

ADDITIONAL INFORMATION: Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Product is not flammable or combustible under normal conditions.

EXTINGUISHING MEDIA: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen and sulfur.

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

FIRE FIGHTING EQUIPMENT: Firefighters should wear self contained breathing apparatus as some toxic decomposition products may result from fire conditions.

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

ResistAll Car Wash (Extra Concentrate)

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: In case of spills, beware of slippery floors and surfaces.

SPECIAL PROTECTIVE EQUIPMENT: Use personal protective equipment as required.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid skin prolonged contact.

HANDLING: Use care in handling. Avoid contact with eyes, skin, and clothing. Avoid release to the environment. Follow label directions.

STORAGE: Keep container closed to prevent drying out. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Sodium Hydroxide	TWA		2		
	STEL		2 Ceiling		2 Ceiling
Diethanolamine	TWA	3	15	0.46	2

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

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Not normally needed. If contact is likely, safety glasses with side shields are recommended.

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

RESPIRATORY: Respiratory protection is not needed under normal and intended conditions of product use. Use with adequate ventilation.

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: Liquid

ODOR: Banana smell

ODOR THRESHOLD: Not Available

APPEARANCE: Clear yellow liquid

COLOR: Yellow

pH: 8.2

ResistAll Car Wash (Extra Concentrate)

FLASH POINT AND METHOD: Does not flash**FLAMMABLE LIMITS:** Not Available to Not Available**AUTOIGNITION TEMPERATURE:** Not Available**VAPOR PRESSURE:** Not Available**VAPOR DENSITY:** Not Available**BOILING POINT:** Not Established**FREEZING POINT:** Not Established**SOLUBILITY IN WATER:** Complete**EVAPORATION RATE:** Not Available**SPECIFIC GRAVITY:** 1.01**VISCOSITY:** Not Available**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:** Over heating and freezing.**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**

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Sodium Hydroxide	220 mg/kg (Rat)	1350 mg/kg (Rabbit)
Diethanolamine	2200 mg/kg (Rabbit)	12200 mg/kg (Rabbit)

DERMAL LD₅₀: 530 mg/kg (Alkylbenzene Sulfonic Acid)(Rat)**ORAL LD₅₀:** 530 mg/kg (Alkylbenzene Sulfonic Acid)(Rat)**EYE EFFECTS:** May cause irritation.**SKIN EFFECTS:** May cause irritation, defatting or dermatitis.**CARCINOGENICITY****IARC:** Diethanolamine (CAS # 111-42-2) IARC 2B**REPEATED DOSE EFFECTS:** Prolonged or repeated contact with product may cause drying or chapping of the skin.**12. ECOLOGICAL INFORMATION**

ResistAll Car Wash (Extra Concentrate)

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.

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

GENERAL COMMENTS: Product is readily biodegradable when diluted and used according to label directions.

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/permited 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.

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.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not regulated as dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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 components of this product are listed or exempt from listing on TSCA Inventory.

CLEAN AIR ACT

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

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 Revised:** 06/01/2015

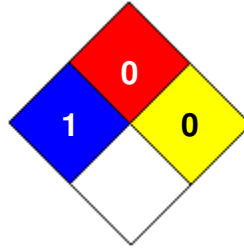
REVISION SUMMARY: This MSDS replaces the 05/31/2015 MSDS. Revised: **Section 1:** .

ResistAll Car Wash (Extra Concentrate)

HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		A

NFPA CODES



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