

# Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

Product Name	Company Name:	Date:
<b>ESC-10 Detergent / Degreaser</b>	<b>Reliant Technologies, Inc. 2933 Hwy 1 North Port Allen, Louisiana 70767</b>	<b>Revised 5/12/2015</b>

Emergency Phone Number:	Information Phone Number	FAX Number
CHEMTREC 800-424-9300	225-383-7923	225-383-7961

## Section 2 - Hazards Identification

**GHS Signal Word:**  
**NONE**

HMIS CODE INFORMATION:	Health	Flammability	Reactivity	Personal Protection (PPE)
NFPA HAZARD ID	0	0	0	None Normally Required
HMIS HAZARD ID	0	0	0	

THIS MATERIAL IS A COLORLESS, NON-HAZARDOUS, DETERGENT WITH A MILD ODOR.

<b>GHS CLASSIFICATIONS:</b>	Health, Acute Toxicity, Oral, Category 0 Health, Acute Toxicity, Dermal, Category 0 Health, Acute Toxicity, Inhalation (Mists), Category 1 Health, Eye Irritation / Damage, Category 1 Health, Skin Corrosion / Damage, Category 0
<b>GHS HAZARD PHRASES:</b>	Prolonged and Repeated Exposure, Without Rinsing Product From Skin, Can Potentially Cause Mild Skin Irritation Exposure Can Cause Eye Irritation
<b>GHS PRECAUTION PHRASES:</b>	Keep Out of Reach of Children Do Not Eat, Drink, or Smoke When Using This Product Wash Hands thoroughly After Handling
<b>GHS RESPONSE PHRASES:</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention if redness and irritation persist If swallowed: Rinse mouth with water. Get medical attention if nausea or stomach pains occur. If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing If on skin (or in hair): Wash with soap and water. Normal contact will not cause skin irritation. If skin irritation occurs from repeated contact or mis-use, seek medical attention.
<b>GHS STORAGE AND DISPOSAL PHRASES:</b>	Store in a locked, secure area. Store in a cool dry place at room temperature away from direct sunlight. Dispose of any unused product and empty containers in accordance with all local, state, and federal regulations.
<b>POTENTIAL HEALTH EFFECTS: (ACUTE and CHRONIC)</b>	Inhalation: Unlikely, but could cause respiratory tract irritation under extreme circumstances Skin Contact: Unlikely, but could cause irritation under extreme circumstances Eye Contact: Irritation of the eye is possible, but unlikely Ingestion: Gastrointestinal irritation; possible nausea and/or stomach pain. All possible, but ingestion is unlikely

**Section 3 - Composition and Information on Ingredients**

This material is defined as a mixture composed of non-hazardous ingredients, as defined by GHS.

Hazardous Components	CAS #	% by Weight	GHS Codes
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\*\*\* NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT \*\*\*

\*\*\* NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372 ARE PRESENT \*\*\*

**Section 4 - First Aid Measures**

FIRST AID	INHALATION:	Move exposed person to fresh air. Get medical attention if symptoms occur. Inhalation unlikely.
	SKIN CONTACT:	Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur.
	EYE CONTACT:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.
	INGESTION:	Wash out mouth with water. Get medical attention if nausea or stomach pains occur.

**Section 5 - Fire Fighting Measures**

FLASH POINT:	NONE	METHOD:	N/A		
FLAMABLE LIMITS (APPROXIMATE VOLUME % IN AIR):		LEL	No data	UEL	No data
FIRE EXTINGUISHING MEDIA:	Product will not burn. Use extinguishing media applicable for surrounding fire. Use water spray to cool containers. Water-based product; adjacent fire can cause steam pressure to be generated in heated metal containers, with resulting explosion				
FIRE FIGHTING INSTRUCTIONS:	Areas of spillage may result in slippery footing Firefighters should hose down or mop up any spilled product				
HAZARDOUS COMBUSTION PRODUCTS:	None; product will not burn				

**Section 6 - Accidental Release Measures**

NOTIFICATION PROCEDURES:	In the event of a spill or accidental release, notify appropriate authorities in accordance with all local, state, and federal regulations.
PROTECTIVE MEASURES:	Use proper personal protective equipment as indicated in Section 8
SPILL MANAGEMENT:	Recover free product. If small amount, clean residue with soap and water. Otherwise, use suitable oil absorbant. Keep product out of sewers and waterways.  Always dispose of material in accordance with all local, state, and federal regulations
ENVIRONMENTAL PRECAUTIONS:	Advise authorities if large amounts of product enters waterways or is spilled over extensive land areas.

**Section 7 - Handling and Storage**

**HANDLING:** Wear appropriate personal protection equipment (see Section 8).  
Do not eat, drink or smoke when using. Wash thoroughly after handling.  
Follow good hygiene and housekeeping practices.

**STORAGE:** Store in a cool, dry area, in original (or equivalent) containers in accordance with all applicable regulations.  
Do not expose to extreme heat or flame.  
Store only in plastic containers that will not permit the buildup of excessive pressure in the event of a fire adjacent to the product.  
Store below 65 C, and away from potential contaminants or other chemicals.

**Section 8 - Exposure Controls / Personal Protection**

**ENGINEERING CONTROLS:** Use with adequate ventilation

**CONTROL MEASURES TO CONSIDER:** Provide adequate ventilation and nearby eyewash stations.

**PERSONAL PROTECTION:** Please make sure everyone working with this material has read, and understands, all sections of the Safety Data Sheet prior to handling this product.

**RESPIRATORY PROTECTION:** No special measures required

**SKIN PROTECTION:** No special measures required for normal use.  
Protective, impermeable gloves, if prolonged or repeated contact is unavoidable.

**EYE PROTECTION:** Make sure that eye wash station is near by all areas where this product is used.  
Avoid eye contact

**SPECIFIC HYGENE MEASURES:** Observe good personal hygiene. Wash after handling product and before eating, drinking, or smoking. Wash work clothes and PPE to remove contaminants.  
Practice good housekeeping.

**ENVIRONMENTALS CONTROLS:** Comply with all local, state and federal regulations limiting discharges to air, water, and soil. Apply appropriate control measures to prevent or limit any potential emissions.

**Section 9 - Physical and Chemical Properties**

**NOTE:** Physical and chemical properties are provided for safety, health, and environmental considerations only, and may not fully represent product specifications.

<b>PHYSICAL FORM</b>	Liquid	<b>FREEZE POINT</b>	~ 32 F
<b>COLOR</b>	Colorless	<b>BOILING POINT</b>	~ 212 F
<b>ODOR</b>	Mild	<b>FLASH POINT</b>	None By Any Method
<b>pH</b>	~ 12.5	<b>FLAMMABLE LIMITS, % in air</b>	LEL: None UEL: None
<b>SPECIFIC GRAVITY</b>	~ 1.0	<b>VAPOR DENSITY, air = 1</b>	> 1
<b>SOLUBILITY IN WATER</b>	Complete	<b>EVAPORATION RATE, water = 1</b>	< 1

**Section 10 - Stability and Reactivity**

REACTIVITY:	Not reactive
STABILITY:	Stable under normal conditions of storage and use
CONDITIONS TO AVOID:	Water-based product. Extreme heat can generate water vapor and/or steam.
MATERIALS TO AVOID:	Any material not compatible with water
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

**Section 11 - Toxicological Information**

INHALATION	ACUTE TOXICITY	No ingredients reported to be acutely toxic
INGESTION	ACUTE TOXICITY	No ingredients reported to be acutely toxic
SKIN	ACUTE TOXICITY IRRITATION CORROSIVITY	No ingredients reported to be acutely toxic May cause mild redness and irritation upon prolonged exposure No ingredients reported to be corrosive
EYE	IRRITATION	May cause mild redness and discomfort upon contact with eyes
SENSITIZATION	RESPIRATORY TRACT SKIN	No ingredients reported to be respiratory sensitizers No ingredients reported to be skin sensitizers
ASPIRATION	RESPIRATORY TRACT	No data available
GERM CELL MUTAGENICITY		No ingredients reported to have mutagenic effects
CARCINOGENICITY		No ingredients reported to be carcinogenic
REPRODUCTIVE TOXICITY		No ingredients reported to have reproductive effects
LACTATION		No ingredients reported to cause harm to breast-fed children
SPECIFIC TARGET ORGAN TOXICITY	SINGLE EXPOSURE REPEATED EXPOSURE	No ingredients reported to have specific target organ toxicity from single exposure Product may remove natural body oils from skin and cause dryness with prolonged exposure
OTHER INFORMATION		

**Section 12 - Ecological Information**

ECOTOXICITY	No ingredients reported to be dangerous for the environment
MOBILITY	Completely water soluble
PERSISTENCE AND DEGRADABILITY	Readily and completely biodegradable
BIOACCUMULATION	No bioconcentration potential

**Section 13 - Disposal Considerations**

DISPOSAL RECOMMENDATIONS ARE BASED ON UNUSED MATERIAL. DISPOSAL MUST BE IN ACCORDANCE WITH ALL LOCAL STATE AND FEDERAL REGULATIONS AND MUST BE BASED ON THE MATERIAL CHARACTERISTICS AT THE TIME OF DISPOSAL.

DISPOSAL RECOMMENDATIONS:	Dispose according to all local, state, and federal regulations
REGULATORY INFORMATION:	Generation of waste should be avoided or minimized where possible.
EMPTY CONTAINER WARNING:	Empty containers should be sent for recycling or disposal in accordance with all governmental regulations.

## Section 14 - Transportation Information

LAND - US DEPARTMENT OF TRANSPORTATION (US DOT), PROPER SHIPPING NAME:	Not Regulated
LAND - CANADA TRANSPORTATION OF DANGEROUS GOODS (CANADIAN TDG):	No Information Available
MARINE - INTERNATIONAL MARINE DANGEROUS GOODS (IMDG/IMO):	Not Regulated
AIR - INTERNATIONAL AIR TRANSPORT ASSOCIATION (ICA/IATA):	Not Regulated

## Section 15 - Regulatory Information

OSHA HAZARD COMMUNICATION STANDARD	This product is not hazardous as defined by OSHA HazCom 2012, 29 CFR 1910.1200
TSCA STATUS	All components listed, or are exempt
CANADIAN DSL STATUS	No Information Available
SARA SECTION 302 STATUS	No ingredient in this product is subject to the reporting requirements of SARA Section 302
SARA SECTION 311/312 REPORTABLE HAZARD CATEGORIES	Tier II reportable if stored in sufficient quantities
SARA SECTION 313 TOXIC RELEASE INVENTORY	No ingredient in this product is subject to the reporting requirements of SARA Section 313 or CERCLA

## Section 16 - Other Information

ABBREVIATIONS	N/A	Denotes the section in question "does not apply" to this product
	N/D	Not determined
	STP	Standard temperature and Pressure
	CAS #	Chemical Abstract Service number
	ACGIH	American Conference of Governmental Industrial Hygienists
	NIOSH	National Institute for Occupational Safety and Health
	TLV	Threshold Limit Value
	PEL	Permissible Exposure Limit
	STEL	Short Term Exposure Limit
	NTP	National Toxicology Program
	IARC	International Agency for Research on Cancer
	BOD	Biochemical Oxygen Demand

THIS SAFETY DATA SHEET IS MADE IN ACCORDANCE WITH GLOBAL HARMONIZATION SYSTEM REQUIREMENTS

## Disclaimer:

*This safety information is provided to assist customers in assessing measures necessary for compliance with health, safety, and environmental regulations. Individuals handling this product should be informed of the recommended safety precautions, and should have access to this information. The information contained herein is based on available data, and is believed to be accurate. No guarantee or warranty is provided, since the use of this product is within the exclusive control of the user, and it is the user's responsibility to satisfy itself that this information is suitable and complete for its particular use. Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.*