

Safety Data Sheet

Page 1 of 5

TRC XL – Total Rig Clean Extra Strength

Product Number: A - 100

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name TRC – Total Rig Clean Extra Strength
Industrial Aqueous Based Degreaser

Effective Date 1/10/16

Company Encore Industrial Products
P.O. Box 300
Barker, TX 77413-0300

Transportation Emergency (24 Hour) Contact
North America: 1-877-703-3044 Ex. 405

Phone Number (281) 944-4777
(877) 703-3044
Fax (281) 944-4778

Medical Emergencies:
Contact your local Poison Control Center.

Transportation
DOT: Not regulated
IATA: Not regulated
IMDG: Not regulated

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

May cause irritation; Harmful if swallowed;



Hazard Classification: Health Hazard **Signal Word(s):** Warning **Hazard Symbol(s):**

Hazard Statement: May cause irritation; Harmful if swallowed;

Precautionary Statements:

- Eye and skin irritant; Harmful if swallowed;
- Do not use in eyes. In case of eye contact, flush thoroughly with water and seek medical attention.
- Excessive inhalation of vapor will cause choking, irritation or burn eyes, and respiratory tract.
- Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200, WHMIS under the HPA (Canada), or ESIS (Europe).

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water	7732-18-5	1 - 75		
Glycol Ether EB	117-76-2	1 - 8		
Caustic Potash 90% (Potassium Hydroxide)	1310-58-3	4 - 6		
Tetra sodium EDTA	64-02-8	1 - 3		

Remaining ingredients are non-hazardous and/or present at amounts below reportable limits and considered confidential.



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Product Number: A - 100

SECTION 4 – FIRST AID MEASURES

Eye Contact	Immediately flush the eye(s) with water for at least 15 minutes while holding eyelids open. Seek medical attention.
Skin Contact	Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.
Ingestion	Do not induce vomiting! Seek medical attention immediately; Note: never give anything by mouth to an unconscious or convulsing victim; Keep person warm and quiet.
Inhalation	Remove person to fresh air. If irritation persists, give oxygen, get medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point & Method	N/D	Flammability Class	N/A
Flammability Limits (% by vol)	<u>Lower</u> N/D	<u>Upper</u> N/D	
Extinguishing Media	Use water fog, foam, dry chemical or Gas (CO2/Halon)		
Unusual Fire & Explosion Hazards	None.		
Fire Fighting Instructions	Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment (see Section 8).
Containment/Cleanup	<p><u>Land Spill</u>: Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with suitable absorbent.</p> <p><u>Water Spill</u>: Stop leak if you can do it without risk. This material is alkaline and may raise the pH of surface waters with low buffering capacity.</p> <p><u>Large Spill</u>: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements and confined areas.</p>

SECTION 7 – HANDLING AND STORAGE

Handling Storage	Empty containers retain product residue which should be treated in accordance with all precautions on the data sheet. Store in a cool, well-ventilated area away from heat and direct sunlight. Avoid contact with metals, alkalis, and oxidizing materials. Do not get on skin, eyes, or clothing. If spilled on clothing, remove clothing quickly and flush off exposed skin with water. Do not take internally. May be fatal if swallowed. Use with adequate ventilation. Use adequate eye and skin protection. Wash hands thoroughly after use. Keep containers closed. Keep out of the reach of children
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Safety Data Sheet

Page 3 of 5

TRC XL – Total Rig Clean Extra Strength

Product Number: A - 100

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	Industrial Setting: Refer to Section 3 for ingredients with occupational exposure limits.
Engineering Controls	This is a consumer product that is safe for consumers under normal and reasonably foreseeable use. For industrial settings, use in well ventilated area.
Personal Protective Equipment	Respiratory protection: None required if adequate ventilation. If high concentrations use NIOSH/MSHA approved respirator; Eye/Face: Safety glasses or chemical splash goggles. Skin: Rubber or chemical resistant gloves to prevent skin contact.
Work Hygienic Practices	Always follow good hygienic work practices.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color and Appearance	Clear then yellowish liquid	VOC Content	Not Determined
Odor	Industrial	Boiling Point	Comp. to water
pH	14	Melting Point	Greater than 120° F
Specific Gravity	1.07	Vapor Density	Not Applicable
Flash Point	N/D	Solubility in Water	Complete
		Biodegradable	Yes

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	Do not store in metal containers or at high temperatures or in direct sunlight.
Incompatible Materials	Do not mix with other chemicals. Keep away from strong acids
Hazardous Decomposition Products	None known;
Hazardous Polymerization	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Tests	Data is not available.
Potential Health Effects	Acute Eye: May cause irritation; Acute Skin: May cause irritation; Acute Inhalation: May cause irritation; Acute Ingestion: May cause irritation or diarrhea; Chronic Effects: Fatal. Carcinogenicity: Not expected to be carcinogenic.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Tests: Data is not available.

Environmental Impact: The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.



Safety Data Sheet

TRC XL – Total Rig Clean Extra Strength

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SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods RCRA Information: The unused product is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit hazardous characteristics of ignitable, corrosive or reactive materials and does not contain hazardous materials as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty drums should be taken for recycling, recovery or disposal through licensed contractor in accordance with government regulations.

SECTION 14 – TRANSPORT INFORMATION

<u>Shipment</u>	<u>Identification</u>	<u>Proper</u>	<u>Hazardous</u>	<u>Packaging</u>
<u>US DOT</u>	<u>Number</u>	<u>Shipping Name</u>	<u>Classification</u>	<u>Group</u>
US DOT	UN1824	Potassium Hydroxide Solution	8	II
IATA (air)	UN1824	Potassium Hydroxide Solution	8	II
IMDG (vessel)	UN1824	Potassium Hydroxide Solution	8	II

SECTION 15 – REGULATORY INFORMATION

USA

FDA This product is regulated as an Over-The-Counter (OTC) drug under the Federal Food, Drug, and Cosmetics Act and complies with FDA regulations.

EPA *SARA Title III Sections 302/304, 311/312, and 313* chemical listings: None or none present
In regulated quantities.
CAA Section 112 listings (TQ): None
CERCLA Reportable Quantity (RQ): None.

California Proposition 65: This product is not subject to warning labeling.

State Right-To-Know The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>State</u>
None.			

Canada This product is regulated as a Natural Health Product (NHP) under the Food and Drugs Act and complies with Health Canada regulations. All chemical components of this product are listed on DSL, NDSL, ICL or exempt.

Europe

EU Classification: Not regulated
EU Risk Phrases: Not regulated
EU Safety Phrases: S2 – Keep out of reach of children.



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SECTION 16 – OTHER INFORMATION

Legend

ACGIH	American Conference of Governmental Industrial Hygienists	ICL	In-Commerce List (<i>Canada</i>)
CAA	Clean Air Act	IMO	International Maritime Organization
CAS	Chemical Abstract Service	N/A	Not Applicable
CERCLA	CERCLA Hazardous Substances	NDSL	Non-Domestic Substances List (<i>Canada</i>)
CFR	Code of Federal Regulations	N/E	Not Established
DOT	Department of Transportation	NTP	National Toxicology Program
DSL	Domestic Substances List (<i>Canada</i>)	OSHA	Occupational Safety & Health Administration
EINECS	European Inventory of Existing Chemical Substances	PEL	Permissible Exposure Limits
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act
FDA	Food and Drug Administration	SARA	Superfund Amendments and Reauthorizations Act
HPA	Hazardous Products Act (<i>Canada</i>)	TLV	Threshold Limit Values
IARC	International Agency for Research on Cancer	TQ	Threshold Quantities
IATA	International Air Transport Association	TWA	Time Weighted Average
		VOC	Volatile Organic Compounds
		WHMIS	Workplace Hazardous Materials Information System

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