

# EASY-CLEAN® Rig Wash

## CONCENTRATED DETERGENT POWDER

### DESCRIPTION

**EASY-CLEAN®** is a highly concentrated and biodegradable powdered detergent specially formulated to meet the equipment cleaning needs of the oilfield and heavy industry. A powerful, yet gentle detergent, **EASY-CLEAN** emulsifies and solubilizes oily and greasy grime so that dirt and emulsion can be quickly washed away with water, leaving a clean surface with no residue. It removes dirt, oil and grime from equipment, floors and clothes.

**EASY-CLEAN** is easy to use and will not harm painted surfaces or rubber. The low alkalinity of the formulation makes **EASY-CLEAN** ideal for washing clothes and cleaning hands quickly and efficiently.

Equally effective with either fresh or salt water.

Biodegradable	Powerful, deep cleaning
Environmentally Safe	Concentrated
Caustic & abrasion free	Protects Equipment
Residue free	Economical to use

### APPLICATIONS

For heavy-duty cleaning, mix **EASY-CLEAN Concentrated Detergent Powder** to the desired solution with either fresh or salt water. It is formulated to efficiently clean industrial equipment, engines, pumps, all types of machinery, tanks, compressors, trucks, tools, floors, drives, and any painted or metal surface. It is harmless to rubber and to painted wood when solution instructions are followed.

Diesel fuel, kerosene, or suitable solvent may be added for extra cleaning power if considerable oil or grease is present. **EASY-CLEAN** may also be used as a steam cleaning compound and in washing machines for cleaning badly soiled work clothes. **EASY-CLEAN** has a multitude of uses. Simply adjust the concentration of solution to give the best performance.

### DIRECTIONS

**GENERAL CLEANING:** Dissolve 2-4 oz. of **EASY-CLEAN Concentrated Detergent Powder** in each gallon of water, or approximately 16 oz. (1 pint) in five gallons of water. Apply by brush, mop, rag, or sprayer. RINSE THOROUGHLY WITH WATER before surface dries, if possible.

**HEAVY-DUTY CLEANING:** For very oily surfaces, or those heavily caked with grease or grime, add 16 oz. (1 pint) of diesel fuel, kerosene, or solvent to each gallon of dissolved cleaning solution.

**STEAM CLEANING:** Thoroughly dissolve 8 oz. (1/2 pint) of **EASY-CLEAN Concentrated Detergent Powder** per gallon of water used in makeup tanks. To increase penetrating and solvency power of the cleaning solution, add 8 oz. (1/2 pint) of diesel fuel per gallon of solution. Be sure that the **EASY-CLEAN** solution is injected into cleaner beyond heating coils, otherwise coils may be clogged.

On all above mixtures, use hot or cold water, either fresh or salt, and mix until **EASY-CLEAN** is dissolved. Be sure **EASY-CLEAN** is dissolved in water before adding diesel fuel, etc.

### PACKAGING

Code No.	Container Size	Container
30519	6 gal.	Pail

*Special requests for non-standard container sizes will be considered.*

### LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

## CORPORATE LOCATIONS

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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

**I** **Product Name:** EASY-CLEAN® Rig Wash **Manufacturer/Supplier:** JET-LUBE, INC.  
**Chemical Family:** Alkyl aryl sulfonates & builders **Address:** 4849 Homestead Rd., Ste. #200  
**Use:** Detergent concentrate for cleaning oilfield & industrial equipment, laundry, etc. Houston, TX, 77028 USA **Phone:** 713-674-7617  
**Emergency Phone:** 713-674-7617 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	7722885/533960	100	UN	UN	UN
	25155300/68915311				

**II**

**III** **Main Hazards—Health Effects**  
**Eyes:** May cause irritation. **Inhalation:** Inhalation of dust may cause irritation. **Ingestion:** May cause diarrhea.  
**Skin:** May irritate the skin after prolonged periods of contact in concentrated form.

**IV** **Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician, if irritation persists.  
**Skin:** Wash thoroughly with water. Contaminated clothing should be rinsed prior to reuse.

**V** **Extinguishing Media:** None required. **Unsuitable Extinguishing Media:** N/A  
**Protective Equipment for Fire fighting:** Not required.

**VI** **Personal Precautions:** None required. **Environmental Precautions:** None required.  
**Spillage:** Wash down surface and allow to dry to avoid walking hazard.

**VII** **Handling:** No special handling precautions necessary. **Storage:** Don't store at elevated temperatures. Keep container closed to avoid caking.

**VIII** **Respiratory Protection:** None needed. **Hand Protection:** Protective gloves for hypersensitive persons.  
**Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** None required.

**IX** **Physical State:** Crystalline powder **Color:** White **Odor:** Petroleum **pH:** 10 (10%) **Boiling Range/Point °F (°C):** N/A  
**Melting Point °F (°C):** N/A **Flash Point (COC) °F (°C):** N/A **Autoignition Temperature °F (°C):** N/A  
**Explosive Properties:** LEL: N/A UEL: N/A **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** UN  
**Vapor Pressure (kPa):** <0.01 **Percent Volatiles:** Nil **Density (g/cm³):** 0.87 **Flammability:** Not flammable at ambient temperature.  
**OAR Value:** N/A **Oxidizing Properties:** None **Water Solubility:** Complete **Vapor Density:** N/A

**X** **Stability:** Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** None  
**Materials to Avoid:** Strong inorganic & organic acids.  
**Hazardous Decomposition Products:** None known.

**XI** **Acute Toxicity:** Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.  
**Genotoxicity:** None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No OSHA: No  
**EC Classification (67/548/EEC):** No **Allergens:** None known. **LC-50:** >2000mg/l—actual test data (Oncorhynchus Mykiss). **LD-50:** N/A


**XII** **Possible Effects:** Completely soluble in water. In high concentrations, pH increase in water could be harmful to marine organisms.  
**Behavior:** Relatively well behaved. Bioaccumulation potential nil.  
**Environmental Fate:** Highly unlikely to cause widespread contamination.

**XIII** **Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via standard waste disposal services, recycled or reused. Liner—see Product Disposal section above.

**XIV** Not classified as hazardous for transport. **D.O.T.:** Nonhazardous **UN No.:** Nonhazardous **Air Transport (ICAO & IATA):** Nonhazardous  
**Sea Transport (IMO & IMDG):** Nonhazardous **Road & Rail Transport (ADR/RID):** Nonhazardous

**XV** **Labeling Information:** None needed **EC Annex 1 Classification:** Not Applicable. **R Phrases:** None applicable, as known.  
**S Phrases:** None applicable, as known. **Ozone Depleting Chemicals:** Not applicable. **TSCA:** All components are listed.  
**WHMIS (Canada):** Not controlled. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** N/A  
**CERCLA:** Nonhazardous **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None **TSCA 12B Components:** None

**XVI** **New Jersey Right To Know:** See Section II

**Signature:**   
**Prepared by:** Donald A. Oldiges  
**Date Issued:** March 14, 2004

As of issue date, the information contained herein is accurate and reliable to the best of JET-LUBE'S knowledge. JET-LUBE® does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

LEGEND	
I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	IX. PHYSICAL AND CHEMICAL PROPERTIES
II. COMPOSITION INFORMATION ON INGREDIENTS	X. STABILITY AND REACTIVITY
III. HAZARDS IDENTIFICATION	XI. TOXICOLOGICAL INFORMATION
IV. FIRST AID MEASURES	XII. ECOLOGICAL INFORMATION
V. FIRE FIGHTING MEASURES	XIII. WASTE DISPOSAL
VI. ACCIDENTAL RELEASE MEASURES	XIV. TRANSPORT INFORMATION
VII. HANDLING AND STORAGE	XV. REGULATORY INFORMATION
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION	XVI. OTHER INFORMATION

**HMS SYMBOL**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPI	1

**NFPA SYMBOL**

