

# Safety Data Sheet

## Per GHS Standard Format

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** Recon Heavy Duty Cleaner No. 3027  
**General Use:** Cleans moderate industrial soils and grease.  
**Product Description:** General Purpose Cleaner  
**Chemical Family:** Solvent/detergent blend

#### Information on the Supplier of the Safety Data Sheet

Manufactured For:	Emergency Telephone Numbers:
Fiberlock Technologies, Inc.	CHEM TEL: (U.S.): 1-800-255-3924
150 Dascomb Road	(Outside the U.S.): 813-248-0585
Andover, MA 01810	Poison Control Center (Medical): 800-222-1222
P: 800-342-3755 F: 978-475-6205	

### SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**



#### **GHS Label Statements**

Hazard Statements:  
Causes serious eye irritation.  
Causes skin irritation.  
May be harmful if swallowed.

#### **GHS Classifications**

Health:  
Eye Irritation, Category 2A  
Skin Irritation, Category 2

#### **PRECAUTIONARY STATEMENTS**

**Prevention:** Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Keep out of reach of children. Avoid release to the environment.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take

off contaminated clothing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:** Store in a closed container.

**Disposal:** Dispose of contents/container in accordance with all local, state, and federal regulations.

## EMERGENCY OVERVIEW

**Physical appearance:** Orange liquid

**Immediate concerns:** Eye & Skin irritant

## POTENTIAL HEALTH EFFECTS

**Eyes:** Irritating, and may injure eye tissue if not removed promptly.

**Skin:** Skin irritant with prolonged or repeated contact. **Skin absorption:** None expected.

**Ingestion:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

## REPRODUCTIVE TOXICITY

**Teratogenic effects:** None known.

**Carcinogenicity:** No listed substance.

**Mutagenicity:** None known.

**Medical conditions aggravated:** Previous skin conditions such as dermatitis may be aggravated.

**Routes of entry:** Eye, skin, ingestion.

**Warning caution labels:** Irritant.

**Physical hazards:** None expected.

## SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight, %</u>
Nonylphenol Ethoxylate	9016-45-9	0-5
Sodium Dioctyl Sulfosuccinate	577-11-7	0-5
Sodium Salt benzene, 1, 1-oxybis tetrapropylene derivatives, Sulfonated, Sodium Salts	119345-04-9	0-5
Sodium Silicate	6834-92-0	0-2
Dipropylene glycol monomethyl ether	34590-94-8	0-5
Fragrance	N/A	0-1
Dye	N/A	0-0.05
Water	7732-18-5	85-90

## SECTION 4: FIRST AID MEASURES

### Eyes

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

### Skin

Wash with soap and water. Get medical attention if irritation develops or persists.

### Inhalation

Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

## **Ingestion**

Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

## **Signs and Symptoms of Overexposure**

**Eyes:** Burning sensation with tearing, redness.

**Skin:** Prolonged contact may cause irritation marked by redness, burning sensation.

**Skin absorption:** Not established.

**Ingestion:** Irritation of mouth, throat, along with stomach upset, vomiting.

**Inhalation:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**Acute toxicity:** Not established.

## **SECTION 5: FIRE-FIGHTING MEASURES**

**Flammable class:** NA = Not Applicable

**General hazard:** NA = Not Applicable

**Extinguishing media:** Not required. Water based material.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Small spill:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

## **Environmental Precautions**

**Water spill:** Avoid discharges into open waterways.

**Land spill:** Avoid discharge to soil.

**General procedures:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other noncombustible material and transfer to containers.

**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.

## **SECTION 7: HANDLING AND STORAGE**

### **General Procedures**

Close container after use.

### **Handling**

Wear eye protection, rubber gloves when handling concentrate.

### **Storage**

Store in area inaccessible to children.

### **Storage Temperature**

Store at ambient temperatures.

### **Storage Pressure**

Store at ambient atmospheric pressure.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### OSHA Hazardous Components (29 CFR1910.1200)

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Dipropylene glycol monomethyl ether	TWA: 100 ppm, 600 mg/m <sup>3</sup>	TWA: 100 ppm, 606 mg/m <sup>3</sup> STEL: 150 ppm, 909 mg/m <sup>3</sup>

**Engineering Controls:** No special requirements.

#### **Personal Protective Equipment**

**Eyes and face:** Chemical splash goggles and full face-shield.

**Skin:** Rubber or other chemical resistant gloves.

**Respiratory:** A respirator is not needed under normal and intended conditions of product use.

**Protective clothing:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**Work hygienic practices:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Odor:</b>	Citrus
<b>Color:</b>	Orange

<b><u>Property</u></b>	<b><u>Values</u></b>
pH	11.5-12.0
Freezing point	~32°F; 0°C
Boiling point/boiling range	~212°F; 100°C
Flash Point	None
Evaporation rate (Water=1)	1.0
Flammability (solid, gas)	No data available
Flammable Limits	N/A
Vapor pressure	≤ 20 mm Hg at (68°F)
Vapor density	≤ 1 Air = 1
Specific Gravity	1.008 grams/ml. at 20°C (68°F)
Water Solubility	Complete
Autoignition temperature	NA = Not Applicable
Thermal decomposition	No data available
Percent volatile	85+
Density	8.41 at 20°C (68°F)
Viscosity	Water thin
VOC	4.750% by weight

## SECTION 10: STABILITY AND REACTIVITY

### **Reactivity**

Yes

### **Hazardous Polymerization**

No

**Conditions to Avoid**

Not Established

**Possibility of Hazardous Reactions**

None Expected.

**Hazardous Decomposition Products**

Not available.

**Incompatible Materials**

Strong acids, oxidizers.

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Nonylphenol Ethoxylate	1 6000 mg/kg (rat)	4490 mg/kg (rabbit)
Sodium Salt benzene, 1, 1-oxybis tetrapropylene derivatives, Sulfonated, Sodium Salts	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium Silicate	1 500 to 3200 mg/kg (rat)	
Dipropylene glycol monomethyl ether	> 5000 mg/kg (rat)	9510 mg/kg (rabbit)

**Eyes:** Not established**Dermal LD<sub>50</sub>:** Not established**Skin absorption:** None expected**Oral LD<sub>50</sub>:** Not established**Inhalation LC<sub>50</sub>:** Not established**Eye effects:** Moderate to severe eye irritant.**Skin effects:** Moderate skin irritant.**Carcinogenicity****IARC:** No listed substance.**Irritation:** Irritant**Sensitization:** No known significant effects or critical hazards.**Neurotoxicity:** No known significant effects or critical hazards.**Reproductive effects:** No known significant effects or critical hazards.**Mutagenicity:** No known significant effects or critical hazards.**SECTION 12: ECOLOGICAL INFORMATION****Environmental data:** Not Established.**Ecotoxicological information:** Not Established.**Aquatic toxicity (acute):** Not Established.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal method:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Product disposal:** See above.

**Empty container:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA waste information:** NA = Not Applicable

## SECTION 14: TRANSPORT INFORMATION

### DOT

Proper Shipping Name                      Cleaning Compound, not regulated.

### ADR/RID

Proper Shipping Name                      Cleaning Compound, not regulated.

### IATA/ICAO

Shipping Name                                Cleaning Compound, not regulated.

### IMDG/IMO

Shipping Name                                Cleaning Compound, not regulated.

## SECTION 15: REGULATORY INFORMATION

### United States

#### **Sara Title III (Superfund Amendments and Reauthorization Act)**

**311/312 Hazard Categories:** Health - Acute

**Fire:** No **Pressure Generating:** No **Reactivity:** No **Acute:** Yes **Chronic:** No

**313 Reportable Ingredients:** None

#### **302/304 Emergency Planning**

**Emergency Plan:** NA = Not applicable

#### **TSCA (Toxic Substance Control Act)**

**TSCA Regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

#### **CERCLA (Comprehensive Response, Compensation, and Liability Act)**

**CERCLA Regulatory:** Not applicable

**California Proposition 65:** None

**Carcinogen:** No listed substance

### States with Special Requirements

#### **Chemical Name**

Nonylphenol Ethoxylate

#### **Requirements**

Massachusetts Right to Know Substance  
New Jersey Right To Know Substance  
Pennsylvania Right to Know Substance

Sodium Silicate

Pennsylvania Right to Know Substance  
New Jersey Right To Know Substance

**SECTION 16: OTHER INFORMATION**

NFPA	Health Hazards 2	Flammability 0	Instability 0	Physical & Chemical Hazards -
HMIS	Health Hazards 2	Flammability 0	Physical Hazard 0	Personal Protection B

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: [www.epa.gov/lead](http://www.epa.gov/lead)

**Manufacturer Disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.