

# SAFETY DATA SHEET

Date Prepared : 5/27/2015

SDS No : 6900-SDS

## Recon

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Recon  
**GENERAL USE:** Condenser Coil Cleaner & Brightener  
**PRODUCT CODE:** 6900

#### MANUFACTURER

Perform Manufacturing  
1624 S. 45th St.  
Kansas City, KS 66106

**Emergency Phone:** 800-423-9861

**Customer Service:** 913-722-1557

**Transportation:** 800-535-5053

**E-Mail:** sales@performmfg.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac 800-535-5053

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Skin Corrosion / Irritation, Category 1C  
Eye Damage/Irritation, Category 1

##### Physical:

Corrosive to Metals, Category 1

#### GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Corrosion

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

H290: May be corrosive to metals.

#### PRECAUTIONARY STATEMENTS

##### Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash face, hands and any exposed skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P314: Get medical advice/attention if you feel unwell.

**Storage:**

P404: Store in a closed container.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**POTENTIAL HEALTH EFFECTS**

**INGESTION:** Harmful if swallowed

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Phosphoric Acid	< 45	7664-38-2

**4. FIRST AID MEASURES**

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

**SKIN:** Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**INHALATION:** Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.

**NOTES TO PHYSICIAN:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**OTHER CONSIDERATIONS:** In a fire or if heated, a pressure increase will occur and the container may burst.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SENSITIVE TO STATIC DISCHARGE:** None

**SENSITIVITY TO IMPACT:** None

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

**7. HANDLING AND STORAGE**

**HANDLING:** Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use.

Wash thoroughly after handling.

**STORAGE:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Phosphoric Acid	TWA		1		1	NL	NL
	STEL				3	NL	NL

**ENGINEERING CONTROLS:** Proper ventilation in accordance with good industrial hygiene should be provided.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

**SKIN:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**RESPIRATORY:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

**PROTECTIVE CLOTHING:** Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Freezing Point (°C)	Specific Gravity
Phosphoric Acid	11	22	33	44

**PHYSICAL STATE:** Liquid

**ODOR:** Fragranced

**ODOR THRESHOLD:** No data available

**APPEARANCE:** Colored Liquid

**pH:** 1 to 2

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** NA = Not Applicable

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** No data available

**BOILING POINT:** (212°F)

**FREEZING POINT:** (0°F)

**THERMAL DECOMPOSITION:** No data available

**SOLUBILITY IN WATER:** Completely soluble

**EVAPORATION RATE:** Similar to water

**VISCOSITY:** Moderately viscous

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under recommended storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Mixing with bleach, alkali, or oxidizers may generate toxic gases. Never use or mix with other chemicals.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg

**ORAL LD<sub>50</sub>:** > 2000 mg/kg

**INHALATION LC<sub>50</sub>:** > 20 mg/L

**EYE EFFECTS:** Eye Damage/Irritation

**SKIN EFFECTS:** Skin Damage/Irritation

### CARCINOGENICITY

Chemical Name	General Toxicity
Phosphoric Acid	None known.

**REPEATED DOSE EFFECTS:** Repeated or prolonged contact causes skin burns or eye damage.

**SENSITIZATION:** Not a sensitizer

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This material has not been tested for acute environmental effects.

**BIOACCUMULATION/ACCUMULATION:** No evidence to suggest bio-accumulation will occur.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid N.O.S.

**TECHNICAL NAME:** (Contains; Phosphoric Acid)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN1760

**PACKING GROUP:** III

**NAERG:** 154

**OTHER SHIPPING INFORMATION:** All products offered for domestic ground transportation that meet the following Exceptions for Class 8 (corrosive materials) will be packaged and shipped as "Limited Qty".

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For corrosive materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Phosphoric Acid	< 45	5,000

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Phosphoric Acid	7664-38-2

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

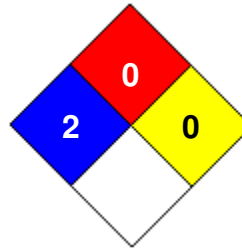
## 16. OTHER INFORMATION

**PREPARED BY:** KH **Date Prepared:** 5/27/2015

### HMIS RATING

<b>HEALTH</b>	<input type="text" value=""/>	<input type="text" value="2"/>
<b>FLAMMABILITY</b>	<input type="text" value=""/>	<input type="text" value="0"/>
<b>PHYSICAL HAZARD</b>	<input type="text" value=""/>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input type="text" value="B"/>	

### NFPA CODES



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