



# SAFETY DATA SHEET

## Petra Disinfectant

Version 1.0  
Revision: 05/1H/2020

### 1. Product and Company Identification

**Product Code:** 9050G  
**Product Name:** Petra Disinfectant  
**Company Name:** Petra Oil Company, Inc.  
11085 Regency Green Drive Cypress, TX 77429  
**Phone Number:** 713-856-5700  
**Emergency Contact:** CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

### 2. Hazards Identification

**Skin Corrosion/Irritation, Category 1B**  
**Serious Eye Damage/Eye Irritation, Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** Causes severe skin burns and eye damage.  
Causes serious eye damage.

**GHS Precautionary Phrases:** Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
Specific treatment see ... on this label.  
Wash contaminated clothing before reuse.  
Collect spillage.

**GHS Storage and Disposal Phrases:** Store locked up.  
Dispose of contents/container to ...

**OSHA Regulatory Status:** While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

**Potential Health Effects (Acute and Chronic):** Mucous membranes. Prolonged exposure may cause skin irritation.

**Inhalation:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**Skin Contact:** Prolonged or repeated skin contact may cause irritation.

**Eye Contact:** Prolonged or repeated eye contact may cause conjunctivitis.

**Ingestion:** Prolonged or repeated inhalation and ingestion may cause delayed injury involving the kidneys and the blood, gastrointestinal and reproductive systems.

**Medical Conditions Generally Aggravated By Exposure:** Effects may be delayed. Show this safety data sheet to the doctor in attendance.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	2.0 -2.5 %	
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	0.5 -2.5 %	
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl.(ethylphenyl)m	2.0 -2.5 %	
68131-39-5	Ethoxylated linear alcohol	<=4.5 %	
497-19-8	Sodium carbonate	0.5 -3.0 %	

### 4. First Aid Measures

**Emergency and First Aid Procedures:** IF exposed or concerned: Get medical attention/advice.

**In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**In Case of Skin Contact:** Rinse cautiously with water for several minutes.

**In Case of Eye Contact:** Rinse cautiously with water for several minutes.

**In Case of Ingestion:** Rinse mouth with water.

**Signs and Symptoms Of Exposure:** No data available.

**Note to Physician:** Show this safety data sheet to the doctor in attendance.

### 5. Fire Fighting Measures

**Flash Pt:** NE

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use agent most appropriate to extinguish fire.

**Fire Fighting Instructions:** No data available.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** oxides of phosphorus, Incompatible materials, Hazardous decomposition products formed under fire conditions.

### 6. Accidental Release Measures

**Environmental Precautions:** Do not let product enter drains.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Environmental precautions.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** No data available.

**Precautions To Be Taken in Storing:** Store in cool, dry area.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	No data.	No data.	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl.(ethylphenyl)m	No data.	No data.	No data.
68131-39-5	Ethoxylated linear alcohol	No data.	No data.	No data.
497-19-8	Sodium carbonate	No data.	No data.	No data.

**Respiratory Equipment**            Respirator protection is not normally required.

**(Specify Type):**

**Eye Protection:**                    Safety glasses.

**Protective Gloves:**                Clothes to prevent skin contact.

**Other Protective Clothing:**      No data available.

**Engineering Controls**              No data available.

**(Ventilation etc.):**

## 9. Physical and Chemical Properties

**Physical States:**                     Gas     Liquid     Solid

**Appearance and Odor:**            yellow, lemon fragrance.

**pH:**                                      11.5 - 12.0

**Melting Point:**                    NE

**Boiling Point:**                      > 200.00 F (93.3 C)

**Flash Pt:**                              NE

**Evaporation Rate:**                NE

**Flammability (solid, gas):**        No data available.

**Explosive Limits:**                LEL: No data.                              UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):**    NE

**Vapor Density (vs. Air = 1):**      NE

**Specific Gravity (Water = 1):**    1.04            at 77.0 F (25.0 C)

**Solubility in Water:**                Soluble

**Octanol/Water Partition Coefficient:**    No data.

**Percent Volatile:**                85.0 % by volume.

**Autoignition Pt:**                    No data.

**Decomposition Temperature:**    No data.

**Viscosity:**                            No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** flames and sparks. ignition sources, combustible materials, chlorine, dust generation, Excess heat, Strong oxidizing agents.

**Incompatibility - Materials To Avoid:** Strong acids, Reacts with most common metals to produce hydrogen gas.

**Hazardous Decomposition or Byproducts:** Ammonia, Carbon oxides, Nitrogen oxides.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** Product will not undergo polymerization.

## 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	n.a.	n.a.	n.a.	n.a.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl.(.ethylphenyl)m	n.a.	n.a.	n.a.	n.a.
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
497-19-8	Sodium carbonate	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**General Ecological Information:** TERRESTRIAL FATE: Based on a recommended classification scheme, an estimated Koc value of 67, determined from an experimental log Kow and a recommended regression-derived equation, indicates that ethylene glycol mono-n-butyl ether is expected to have high mobility in soil. Toxic to aquatic life.

## 13. Disposal Considerations

**Waste Disposal Method:** US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**

**DOT Hazard Class:**

**UN/NA Number:**

## 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	No	No	No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl.(.ethylphenyl)m	No	No	No

68131-39-5	Ethoxylated linear alcohol	No	No	No
497-19-8	Sodium carbonate	No	No	No

**This material meets the EPA**  Yes  No Explosive  
**'Hazard Categories' defined**  Yes  No Flammable (gases, aerosols, liquid, or solid)  
**for SARA Title III Sections**  Yes  No Oxidizer (liquid, solid or gas)  
**311/312 as indicated:**  Yes  No Self-reactive  
 Yes  No Pyrophoric (liquid or solid)  
 Yes  No Pyrophoric gas  
 Yes  No Self-heating  
 Yes  No Organic peroxide  
 Yes  No Corrosive to metal  
 Yes  No Gas under pressure (compressed gas)  
 Yes  No In contact with water emits flammable gas  
 Yes  No Combustible Dust  
 Yes  No (Physical) Hazard Not Otherwise Classified (HNOC)  
 Yes  No Acute toxicity (any route of exposure)  
 Yes  No Skin Corrosion or Irritation  
 Yes  No Serious eye damage or eye irritation  
 Yes  No Respiratory or Skin Sensitization  
 Yes  No Germ cell mutagenicity  
 Yes  No Carcinogenicity  
 Yes  No Reproductive toxicity  
 Yes  No Specific target organ toxicity (single or repeated exposure)  
 Yes  No Aspiration Hazard  
 Yes  No Simple Asphyxiant  
 Yes  No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl.(.(ethylphenyl)m	CAA HAP,ODC: No CWA NPDES: No TSCA: No CA PROP.65: No
68131-39-5	Ethoxylated linear alcohol	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
497-19-8	Sodium carbonate	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No

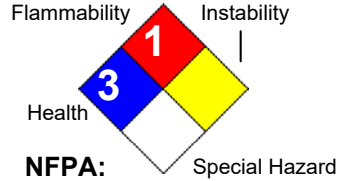
## 16. Other Information

Revision Date: 05/13/2020

Hazard Rating System:

HEALTH		3
FLAMMABILITY		1
REACTIVITY		0
PPE		

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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