



Diesel Engine Induction/EGR Rinse

SECTION 1. IDENTIFICATION

Product Identifier Diesel Engine Induction/EGR Rinse
Part number 3004 & 3004G5
Product Family Aqueous solution
Recommended Use Diesel injector cleaner.
Restrictions on Use Not applicable.
Supplier Identifier Petra Oil Company, Inc. 11085 Regency Green Dr. Cypress, TX 77429
Emergency Phone No. Chemtrec 24 hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide or dry chemical.

Unsuitable Extinguishing Media

Do not use a direct stream of water.

Specific Hazards Arising from the Product

This product presents no unusual hazards in a fire situation. Does not burn.

Not known to generate any hazardous decomposition products in a fire.

Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. No special handling precautions are necessary.

Conditions for Safe Storage

Keep from freezing. Store in a closed container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

Chemical resistant materials.

Respiratory Protection

Not normally required if product is used as directed. No specific guidelines are available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear blue liquid.
Odour	Odourless
Odour Threshold	Not available
pH	10.3
Melting Point/Freezing Point	Not available (melting)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid).
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)

Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.002
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic)
Other Information	
VOC %	Not available
Flame projection	Not applicable
NFPA Classification	Non-flammable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable at ambient temperatures and pressures.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation;

Skin contact;

Eye contact;

Ingestion.

Acute Toxicity

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

There is limited evidence of mild irritation.

Serious Eye Damage/Irritation

There is limited evidence of very mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

No information was located for skin sensitization.

No information was located for: Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

This section is not required by OSHA HCS 2012.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of in accordance with municipal, provincial/state or federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Other Information Not regulated under IMDG Code.

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

CERCLA. (Sodium hydroxide)

SARA Title III - Section 302: Not applicable.

SARA Title III - Section 313: Not applicable.

California Proposition 65: Not applicable.

Massachusetts Right To Know: Not applicable.

New Jersey Right To Know. (Sodium hydroxide)

Pennsylvania Right To Know. (Sodium hydroxide)

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 0 Flammability - 0 Instability - 0
SDS Prepared By	Petra Oil Company, Inc. 11085 Regency Green Dr. Cypress, TX 77429
Phone No.	713-856-5700
Date of Preparation	March 03, 2016
Date of Last Revision	April 28, 2016
Revision Indicators	The following SDS content was changed on April 28, 2016: SECTION 1. IDENTIFICATION; SDS No. The following SDS content was changed on May 02, 2017: SECTION 1. IDENTIFICATION; SDS Logo.
Key to Abbreviations	ACGIH® = American Conference of Governmental Hygienists CANUTEC = Canadian Transport Emergency Centre CAS = Chemical Abstract Service CCOHS = Canadian Centre for Occupational Health & Safety CNS = Central nervous system GESTIS = GESTIS Substance Database HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer ICAO = International Civil Aviation Organization IMDG = International Maritime Dangerous Goods Code LC = Lethal concentration LC = Lethal dose NFPA = National Fire Protection Association NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration PPM = Parts per million RTECS® = Registry of Toxic Effects of Chemical Substances STEL = Short term exposure limit TDG = Transportation of Dangerous Goods Regulations (Canada) TWA = Time weighted average
References	Material Safety Data Sheet from manufacturer. CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). ECHA - European Chemical Agency, Classification and Labelling Inventory GESTIS Substance Database OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.
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