

Safety Data Sheet - GHS

**COLORADO
PETROLEUM**



According to OSHA HCS 2012 (29 CFR 1910.1200)

Section 1 - Chemical Product and Company Identification

PRODUCT NAME: Jake's Clean Green
SDS NUMBER: JCGC
TRADE NAME: Jake's Clean Green
SYNONYMS:

RELEVANT IDENTIFIED USE: Cleaner
USES ADVISED AGAINST: All others
24 HOUR EMERGENCY PHONE NUMBER: (CHEMTREC)1-800-424-9300

Supplier

Colorado Petroleum
5590 High St.
Denver, CO. 80216
303-294-0302
WWW.COLOPETRO.COM

DATE PREPARED: 06-30-2017
DATE REVISED: 06-30-2017
PREPARED BY: Jack Snavely

Section 2 - Hazard Identification

Classified Hazards: Warning: Causes Skin and Eye Irritation.

LABEL ELEMENTS



WARNING: Causes Skin and Eye irritation.

Precautionary Statement: Wash skin and eyes thoroughly after contact. Wear protective glasses and gloves. If product gets in eyes, rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing the eyes. If eye irritation continues seek medical attention immediately. If product contacts skin, wash with plenty of water. If skin irritation continues, seek medical advice. Remove contaminated clothing and wash before wearing.

Section 3 - Composition Information on Ingredients

CHEMICAL NAME	PERCENT	CAS NUMBER
Water	83-92	7732-18-5
Polyoxyethylene C12-C14 Ether	<2	68439-50-9
Sodium Metasilicate	<2	6834-92-0
DGME	<2	111-90-0

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Undecyl glucoside	<1	308-766-0
D-Glucopyranose, oligomeric, C10-16- akyl glucosides	<1	600-975-8
Sodium iminodisuccinate	<0.2	144538-83-0
Dodecan-1-ol	<0.1	203-982-0
Aspartic Acid, disodiumsalt	<0.1	114589-95-6
2-butenedioic acid (E)-disodium salt	<0.02	17013-01-3

Section 4 - First Aid Measures

Inhalation:	First aid is not normally required. If breathing difficulties develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. Seek immediate medical attention.
Eye Contact:	Flush with water for several minutes. If irritation or redness develops from exposure, continue to flush eyes with clean water. If symptoms persist, seek medical attention.
Skin Contact:	Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water or a waterless hand cleaner. If irritation or redness develops and persists, seek medical attention.
Ingestion:	Drink large quantities of water. Call a physician immediately.

Section 5 – Fire-Fighting Measures

NFPA 704 HAZARD CLASS

Health: 0 Flammability: 1 Instability: 0

0 (Minimal)	Health	1
1 (Slight)	Flammability	0
2 (Moderate)		
3 (Serious)	Reactivity	1
4 (Severe)		
	Personal Protection	

Flash Point (F): Non-flammable, None

Unusual Fire/Explosion Hazard: N/A

Fire Fighting Instructions: N/A

Fire Fighting Equipment: N/A

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Section 6 – Accidental Release Measures

Small Spills: Absorb with absorbent. Dispose of in accordance with local, state and federal regulations.

Large Spills: Non-Flammable material. Wear chemical resistant gloves, boots and goggles. Stop the source of the spill. Collect the spill using mechanical means. Waste material should be disposed of following local, state and federal regulations.

Regulatory Requirements: Follow All OSHA Regulations and Standards (29 CFR 1910.120)

Section 7 – Handling and Storage

Handling Precautions: Use chemical resistant gloves, boots and goggles.

Storage Requirements: Do not store in metal containers. Keep container(s) tightly closed and properly labeled. Use and store this material in cool, dry, well-ventilated area away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Keep away from children.

Regulatory Requirements: Follow All OSHA Regulations and Standards (29 CFR 1910.120)

Section 8 – Exposure Controls / Personal Protection

Chemical Name	ACGIH	OSHA	Other
DGME	None Listed	None Listed	...

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

Eye/Face Protection: The use of eye/face protection is not normally required; however, good industrial hygiene practice suggests the use of eye protection that meets or exceeds ANSI Z.87.1 whenever working with chemicals.

Skin/Hand Protection: The use of skin protection is not normally required; however, good industrial hygiene practice suggests the use of gloves or other appropriate skin protection whenever working with chemicals. Suggested protective materials: Nitrile

Respiratory Protection: Where there is potential for airborne exposure above the exposure limit a NIOSH certified air purifying respirator equipped with R or P95 filters may be used.

A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use. Air purifying respirators provide limited protection and cannot be used in atmospheres

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that exceed the maximum use concentration (as directed by regulation or the manufacturer's instructions), in oxygen deficient (less than 19.5 percent oxygen) situations, or under conditions that are immediately dangerous to life and health (IDLH).

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

Section 9 – Physical and Chemical Properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Appearance: Clear, Dyed Very Light Green

Physical Form: Liquid

Odor: Clean Characteristic Scent

Odor Threshold: No data

pH: 12.4

Vapor Density (air=1): no data

Evaporation Rate (nBuAc=1): No data

Percent Volatile: No data

Flash Point: Non-Flamable

Initial Boiling Point/Range: ~200F

Vapor Pressure: No data.

Specific Gravity (water=1): 01.xx - 01.xx @ 60°F (15.6°C)

Bulk Density: 7.00 - 7.20 lbs/gal

Solubility in Water: Complete

Flammability (solid, gas): Non-Flamable

Section 10 – Stability and Reactivity

Reactivity: Not chemically reactive.

Chemical stability: Stable under normal ambient and anticipated conditions of use.

Possibility of hazardous reactions: Hazardous reactions not anticipated.

Conditions to avoid: Extended exposure to high temperatures can cause decomposition.

Incompatible materials: Avoid contact with strong oxidizing agents, acids and strong reducing agents.

Hazardous decomposition products: Not anticipated under normal conditions.

Section 11- Toxicological Information

Acute Toxicity	Hazard	Additional Information	LC50/LD50 Data
Inhalation	>2.3 mg/L @ 4hrs ATE>20.0 mg/L	Rats	>5 mg/L (mist, estimated)
Dermal	Mild skin irritation	Rabbits	> 2 g/kg (estimated)
Oral	Greater than 5000/kg	Rats	> 5 g/kg (estimated)
Eyes	Eye Irritant Category 2B	Rabbits	

Signs and Symptoms of overexposure include redness of eyes or skin due to exposure to product and/or unusual headache.

Acute effects for eye contact: redness and irritation.

Acute effect for skin contact: redness and irritation.

Aspiration Hazard: None expected

Skin Corrosion/Irritation: Mild skin irritation may occur.

Serious Eye Damage/Irritation: Mild eye irritation may occur.

Skin Sensitization: Mild skin irritation may occur.

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Respiratory Sensitization: No information available.

Specific Target Organ Toxicity (Single Exposure): No information available on the mixture, however none of the components have been classified for target organ toxicity (or are below the concentration threshold for classification).

Specific Target Organ Toxicity (Repeated Exposure): No information available on the mixture, however none of the components have been classified for target organ toxicity (or are below the concentration threshold for classification).

Carcinogenicity: No information available on the mixture, however none of the components have been classified for carcinogenicity (or are below the concentration threshold for classification).

Germ Cell Mutagenicity: No information available on the mixture, however none of the components have been classified for germ cell mutagenicity (or are below the concentration threshold for classification).

Reproductive Toxicity: No information available on the mixture, however none of the components have been classified for reproductive toxicity (or are below the concentration threshold for classification).

Section 12 – Ecological Information

Persistence and degradability: This product is expected to be inherently biodegradable.

Bioaccumulative Potential: There is no evidence that bioaccumulation will occur.

Mobility in Soil: Accidental spillage may lead to penetration into the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Other adverse effects: None anticipated.

Section 13 – Disposal Considerations

Dispose of according to local, state and federal regulations. Since this is a cleaner, product should be rinsed from surfaces to prevent slippery conditions that could pose a slip or fall hazard.

Section 14 - Transportation Information

DOT Transportation Data

UN Number: Not regulated

UN proper shipping name: None

Transport hazard class(es): None

Packing Group: None

Environmental Hazards: This product does not meet the DOT/UN/IMDG/IMO criteria of a marine pollutant

Special precautions for user: None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15 – Regulatory Information

TSCA

CAS# 111-90-0 is listed on the TSCA inventory.

CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Acute Health Hazard: Immediate (Acute) Health Hazard.

Chronic Health Hazard: No

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Fire Hazard: No
Pressure Hazard: No
Reactive Hazard: No

CERCLA/SARA - Section 313 and 40 CFR 372:

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

EPA (CERCLA) Reportable Quantity (in pounds):

This material does not contain any chemicals with CERCLA Reportable Quantities.

California Proposition 65:

This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

International Inventories

All components are either listed on the US TSCA Inventory, or are not regulated under TSCA.

All components are either on the DSL, or are exempt from DSL listing requirements.

U.S. Export Control Classification Number: EAR99

Section 16 – Other Information

Date of issue:	Previous Date of issue:	SDS Number:	Status:
06-30-2017	06-30-2017	JCG	FINAL

Disclaimer

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Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National

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Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)