

Joe's Hand Scrub Hand Cleaner

SDS #: 400.001



According to the Hazardous Communication Standard 2012
Issue Date: Oct 19, 2015

Section 1: Product Identification

1.1 A waterless hand and skin cleanser comprised of alkali-salts of fatty acids in a mixture with alcohols and petroleum-based products.

Product Code: 2841

Synonyms: Joe's

1.2 Intended for general use by professionals and for the workplace for the removal of heavily soiled dirt, grease and grime on hands and skin.

1.3 Kleen Products Inc.

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Web: www.joeskleenproducts.com

1.4 Emergency Information

Chemtrec: 1-800-424-9300

Oklahoma Poison Control: 405-271-5454

Section 2: Hazards Identification

2.1 GHS Classification (HCS 2012):

Hazard Type	Hazard Category	H Statement	H-Statement	Signal Word	Pictogram
Eye Irritant	2B	H320	Causes eye irritation	Warning	None Required
Combustible Liquid	4	H227	Combustible Liquid	Warning	None Required
Acute Toxicity Oral	5	H303	May be Harmful if swallowed	Warning	None Required

2.2 Precautionary Statements (GHS-US):

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P271: Use only outdoors or in a well-ventilated area.

Response (GHS-US):

P301: IF SWALLOWED: P313: Get medical advice/attention

P304: IF INHALED: P314: Get Medical advice/attention if you feel unwell.

P305: IF IN EYES: P351: Rinse cautiously with water for several minutes.

P337: IF EYE irritation persists: P313: Get medical advice/attention

P370: IN Case OF FIRE: P378: Use appropriate media (see Section 5) to extinguish

2.3 Other Hazards: Repeated exposure may aggravate pre-existing eye or respiratory conditions

2.4 Unknown Acute Toxicity: No data available

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Section 3: Composition/Information on Ingredients

3.1 Substance: Not applicable

3.2 Mixture

Hazardous Ingredients

Chemical Name	CAS No.	Concentration (%)	Classification (GHS-US)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8	≥30 - ≤50	Flam. Liq. 4, H226 STOT SE 3, 336 Asp. Tox. 1, H304 Eye Irrit. 2B, H320
Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	≥10 - ≤20	Acute. Tox. 4 Inhalation (dust, mist), H332
Oleic Acid	112-80-1	≥5 - ≤10	Skin Irrit. 2, H315 Eye Irrit. 2B, H320
Isopropyl Alcohol	67-63-0	≥1 - ≤5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Poly(oxy-1,2-ethanediyl), alpha, (4-nonylphenyl)-omega, -hydroxy-, branched	127087-87-0	≥1 - ≤5	Acute. Tox. (oral) 4 Skin Irrit. 2, H315 Eye Damage 1, H318 Aquatic Chronic 3, H412
Sodium Silicate	1344-09-8	≥1 - ≤5	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Damage 1, H318 STOT SE, H335

Section 4: First Aid Measures

4.1 Description of First Aid measures

General: In case of an accident or if not feeling well after handling product, obtain medical attention immediately. Seek medical advice if symptoms persist.

Inhalation: Remove person from source of exposure and get medical attention for any breathing difficulty.

Ingestion: DO NOT induce vomiting. Otherwise rinse mouth with water. Get immediate medical attention even if symptoms improve.

Skin Contact: Get medical advice if irritation develops.

Eye Contact: In case of eye contact, flush with water and get medical attention if needed.

4.2 Most Important Symptoms and effects, both acute and delayed

Prolonged or repeated contact may dry skin and cause irritation.

May cause eye irritation

4.3 Indication of immediate medical attention and Special Treatment Needed

If exposed or otherwise concerned, seek medical attention

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Section 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Use dry chemical powder, alcohol-resistant foam, or carbon dioxide. Water Spray, but DO NOT use heavy or strong water stream, which may spread flames

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapor

Not an explosion hazard under normal storage and use conditions

Nature of decomposition products not known.

5.3 Advice for firefighters

Exercise caution when fighting any chemical fire

Wear self-contained breathing apparatus for firefighting if necessary.

In case of major fire, evacuate area, fight fire remotely

5.4 Further information

Use water spray to cool unopened containers

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas.

Remove all sources of ignition.

Beware of vapors accumulating in low areas to form explosive concentrations.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage,

Collect with an electrically protected vacuum cleaner or by wet-brushing

Place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For exposure controls and personal see section 8

For disposal see section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Avoid inhalation of vapor or mist.

Keep away from sources of ignition. NO SMOKING.

Take measures to prevent the build up of electrostatic charge.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in original Container. Keep container tightly closed in a cool, dry and well-ventilated area.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

If leakage occurs, dispose of in accordance with Sec. 13.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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Section 8: Exposure Control/Personal Protection

8.1 Control Parameters

Note: For substances listed in Section 3, that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency to include: ACGIH (TVL), NIOSH (REL), or OSHA (PEL).

Ingredients with workplace control parameters

Chemical Name	CAS No.	Form of Exposure	Exposure Limits
Isopropyl Alcohol	67-63-0	ACGIH TWA (ppm)	200
		ACGIH STEL (ppm)	400
		NIOSH REL TWA (ppm)	400
		NIOSH REL STEL (ppm)	500
		OSHA OEL TWA (ppm)	400
		US IDLH (ppm)	2000
		NIOSH REL TWA (mg/m ³)	980
		NIOSH REL STEL (mg/m ³)	1225
		OSHA PEL TWA (mg/m ³)	980
Triethanolamine	102-71-6	ACGIH TWA (mg/m ³)	5

8.2 Exposure Controls

Appropriate Engineering Controls:

Emergency eye wash and shower stations should be in ready proximity of any potential exposure hazard.

Ensure adequate ventilation is maintained in use areas.

Ensure all National/State regulations are observed.

Use gas detectors where flammable gases may be released.

Use proper grounding methods to avoid static discharges.

Use explosion-proof equipment when necessary and appropriate.

Personal Protective Equipment:

Apparel: Gloves, goggles or face shields, and respiratory equipment should be worn when handling bulk product.

Materials for Protective Clothing:

Chemically resistant materials and fabrics.

Eye Protection:

Wear chemically resistant goggles or face shields.

Skin and Body Protection:

Wear appropriate protective clothing.

Respiratory Protection:

Wear approved respiratory protection when:

1. Exposure limits are exceeded
2. Inhalation irritation is experienced
3. If inadequate ventilation is apparent
4. Where exposure limits are not readily known

Other Information:

DO NOT eat, drink or smoke when using product

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Section 9: Physical and Chemical Properties of Mixture

Physical/Chemical Category	Chemical/Physical State
Physical State	Liquid
Appearance	Thick, creamy, pink liquid
Odor	Banana
Odor Threshold	No Data available
pH	7.5 – 8.0
Evaporation rate	No Data available
Melting Point	No Data available
Freezing Point	No Data available
Initial Boiling point and boiling range	No Data available
Flash Point	>60 °C (140 °F)
Auto-Ignition Temperature	No Data available
Decomposition Temperature	No Data available
Flammability (solid, gas)	No Data available
Vapor Pressure	No Data available
Relative vapor density at 20 °C	No Data available
Specific gravity	0.871
Solubility	Readily soluble in water
Partial Coefficient: N-Octanol /water	No Data available
Viscosity	No Data available

9.2 Other Information: No additional information available

Section 10: Stability and Reactivity of Mixture

Par.	Category	Reactivity
10.1	Reactivity:	No data available
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	Vapors may form explosive mixture with air.
10.4	Conditions to avoid	Heat, flames and sparks.
10.5	Incompatible materials	Strong oxidizing agents
10.6	Hazardous decomposition product	None Known
Other decomposition products		No data available

In the event of fire: see section 5

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Section 11. Toxicological Information

11.1 Information on toxicological effects

Information on likely routes of exposure:

- Inhalation
- Skin Contact
- Ingestion
- Eye Contact

Acute Toxicity: Not classified based on available information

Product Acute Oral Toxicity Estimate (Calculation):	>5000 mg/kg
Skin Corrosion/Irritation:	May cause slight skin irritation, dryness
Eye Sensitivity/Irritation:	May cause slight eye irritation
Respiratory Sensitization:	May cause skin irritation
Ingestion Effects:	May cause adverse reaction
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive Toxicity	Not Classified

Ingredients:

Ingredient Name	CAS No.	Toxicity	Literature Value
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8	No known significant effects or critical hazards	
Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	LD50 Oral Rat LD50 Dermal Rabbit LC50 Inhalation Rat	>15 g/kg >5 g/kg 2.18 mg/l/4hr
Oleic Acid	112-80-1	LD50 Oral Rat	25 g/kg
Isopropyl Alcohol	67-63-0	LD50 Oral Rat LD50 Dermal Rabbit LC50 Inhalation Rat IARC Carcinogenicity	4710 mg/kg 4059 mg/kg 72.6 mg/l/4hr 3
Triethanolamine	102-71-6	LD50 Oral Rat LD50 Dermal Rabbit IARC Carcinogenicity	6400 mg/kg >2000 mg/kg 3
Poly(oxy-1,2-ethanediyl), alpha, -(4-nonylphenyl)-omega, -hydroxy-, branched	127087-87-0	LD50 Oral Rat	1310 mg/kg
Sodium Silicate	1344-09-8	LD50 Oral Rat	3400 mg/kg

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Section 12. Ecological Information

12.1 Information on ecotoxicity

Product:

12.2 Persistence and Degradability: Not Established

12.3 Bioaccumulative Potential: Not Established

Ingredients:

Ingredient Name	CAS No.	Toxicity	Literature Value	12.3 Bioaccumulative Potential
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8	≥30 - ≤50	No Information	No Information
Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	LC50 Fish 1 EC50 Daphnia 1	>5000 mg/l/96 hr >1000 mg/l/48 hr	No Information
Oleic Acid	112-80-1	LC50 Fish 1	205 mg/l/96 hr	No Information
Isopropyl Alcohol	67-63-0	EC50 Daphnia 1 EC50 Other Aquatic 1 LC50 Fish 2 EC50 Other Aquatic 2	9640 mg/l/96 hr 13299 mg/l/48 hr 1000 mg/l/96 hr 11130 mg/l/96 hr 1000 mg/l/96 hr	Log Pow = 0.05 (25 C)
Triethanolamine	102-71-6	LC50 Fish 1 ErC50 (algae) LC50 Fish 2	10600 mg/l/96 hr 169 mg/l 1000 mg/l/96 hr	Log Pow = -2.53 (25 C) BCF Fish 1 = 3.9
Poly(oxy-1,2-ethanediyl), alpha, -(4-nonylphenyl)-omega, -hydroxy-, branched	127087-87-0	No Information	No Information	No Information
Sodium Silicate	1344-09-8	LC50 Fish 1 LC50 Fish 2	301-478 mg/l/96hr 3185 mg/l/96 hr	Log Pow = -2.53 (25 C) BCF Fish 1 = none exp

12.4 Mobility in soil: No Information available

12.5 Other Adverse Effects: No Information available

Other Information: Avoid release to environment

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Section 13: Disposal Considerations

13.1 Waste treatment methods

Waste disposal recommendations: Dispose of contents and containers in accordance with local, regional, national and international regulations.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

Additional Information: Handle empty containers with care because of the possibility of residual vapors being present.

Ecology: Avoid release to the environment

Section 14: Transport Information

14.1 DOT	UN-No	UN 1993
	Proper Shipping Name	Combustible Liquid (Alkanes, Petroleum Distillates)
	Hazard Class	4
	Packing Group	III
14.2 IMDG	UN-No	UN 1993
	Proper Shipping Name	Combustible Liquid (Alkanes, Petroleum Distillates)
	Hazard Class	4
	Packing Group	III
14.3 IATA	UN-No	UN 1993
	Proper Shipping Name	Combustible Liquid (Alkanes, Petroleum Distillates)
	Hazard Class	4
	Packing Group	III

Section 15. Regulatory Information

15.1 US Federal Reg.	Component Name	CAS No.	Applicable reg.	Description
Product:	Joe's Hand Scrub Hand Cleaner		SARA Sec 311/312	Combustible Liquid
Ingredients:	Hydrocarbons, C11-C14, n-alkanes,	64742-47-8	TSCA listed	Combustible Liquid
	Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	TSCA listed	Combustible Liquid
	Oleic Acid	112-80-1	TSCA listed	
	Triethanolamine	102-71-6	TSCA listed	
	Isopropyl Alcohol	67-63-0	TSCA listed SARA Sec 311/312	
	Poly(oxy-1,2-ethanediyl), alpha, - (4-nonylphenyl)-omega, - hydroxy-, branched	127087-87-0	TSCA listed	
	Sodium Silicate	1344-09-8	TSCA listed	

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15.2 US State Reg.	Component Name	CAS No.	State Reg.	Description
Product:	Joe's Hand Scrub Hand Cleaner		N/A	N/A
Ingredients:	Hydrocarbons, C11-C14, n-alkanes,	64742-47-8	US Massachusetts	Right to Know List
	Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	US Massachusetts	Right to Know List
	Oleic Acid	112-80-1	Pennsylvania	Right to Know List
	Triethanolamine	102-71-6	Massachusetts New Jersey Pennsylvania	Right to Know List Environ. Hazd.List Right to Know List
	Isopropyl Alcohol	67-63-0	Massachusetts New Jersey Pennsylvania Pennsylvania	Right to Know List Right to Know List Right to Know List Environ. Hazd.List
	Poly(oxy-1,2-ethanediyl), alpha, -(4-nonylphenyl)-omega, -hydroxy-, branched	127087-87-0	No Information	No Information
	Sodium Silicate	1344-09-8	No Information	No Information

Section 16: Other Information, Including Date of Preparation and Last Revision

Issue Date: 10/19/2015

The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information and belief at the time of the date of publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. This SDS is not to be considered a warranty or quality specification. The information contained herein relates only to the specific material designated and may not be valid if used in any manner contrary to its intended purpose, unless directly specified herein.

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200) by NewTech Development in collaboration and consultation with Kleen Products and the Wells Law Firm.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.