



Safety Data Sheet

Material Name: Safety-Kleen Professional Orange Hand Cleaner

SDS ID: 820175

*** Section 1 - Identification ***

Product Identifier

Safety-Kleen Professional Orange Hand Cleaner

Product Code

32646

Synonyms

Not available

Recommended Use

Hand cleaner. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

Restrictions on Use

None known.

MANUFACTURER

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SUPPLIER

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*** Section 2 - Hazard(s) Identification ***

Classification in accordance with Schedule 1 of Canada's Hazardous Products Regulations (HPR) (SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States

None needed according to classification criteria.

GHS LABEL ELEMENTS**Symbol(s)**

None needed according to classification criteria.

Signal Word

None needed according to classification criteria.

Hazard Statement(s)

None needed according to classification criteria.

Precautionary Statement(s)**Prevention**

None needed according to classification criteria.

Response

None needed according to classification criteria.

Storage

None needed according to classification criteria.

Disposal

None needed according to classification criteria.

Hazard(s) Not Otherwise Classified

None known.

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*** Section 3 - Composition / Information on Ingredients ***

CAS	Component	Percent
Not Available	None of the ingredients present in this formulation are considered hazardous	100

*** Section 4 - First Aid Measures ***

Description of Necessary Measures

Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin

Rinse with water. If skin irritation occurs: Get medical advice/attention.

Eyes

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Rinse again with water. Get medical attention, if needed.

Ingestion

IF SWALLOWED: Do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Call a POISON CENTER or doctor/physician if you feel unwell.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

Product may dry hands with frequent and prolonged use.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

*** Section 5 - Fire-Fighting Measures ***

Suitable Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Specific Hazards Arising from the Chemical

Negligible fire hazard. Product is not sensitive to mechanical impact or static discharge. Decomposition and combustion materials may be toxic.

Hazardous Combustion Products

Oxides of carbon, carbon monoxide, unidentified organic compounds,

Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Fire Fighting Measures

Keep storage containers cool with water spray. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Do not attempt to extinguish fire unless flow of material can be stopped first. Flood with fine water spray. Do not scatter spilled material with high-pressure water streams. Apply water from a protected location or from a safe distance. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Dike for later disposal.

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*** Section 6 - Accidental Release Measures ***

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8, Exposure Controls/Personal Protection. Avoid release to the environment.

Methods and Materials for Containment and Clean Up

Large spills are unlikely due to the packaging of product. Use care as spills may be slippery. Wipe up spilled material with cloth and transfer to a properly labeled container for disposal.

For Industrial Spills: Wear protective equipment and provide engineering controls as specified in **SECTION 8: Exposure Controls/Personal Protection**. Stop leak if you can do so without risk. Dike ahead of liquid spill to prevent entering storm drains. Absorb and transfer to containers.

*** Section 7 - Handling and Storage ***

Precautions for Safe Handling

Keep away from heat, sparks and flame. Do not eat, drink or smoke when using this product. Do not mix with incompatible materials. Product is slippery. If product is spilled onto floor, clean area to prevent slipping.

Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed when not in use and during transport. Store in a cool, dry, well-ventilated area.

Incompatibilities

Incompatible materials include strong acids, strong oxidizing materials, and alkalis.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Appropriate Engineering Controls

Provide general ventilation when needed.

Individual Protective Measures, such as Personal Protective Equipment

Eyes/Face Protection

Not necessary with normal use. Wear splash resistant safety goggles if eye contact is likely.

Skin Protection

Not necessary with normal use.

Respiratory Protection

Respiratory protection is not required under normal conditions of use.

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor : Thick orange liquid with orange odor

pH: 7.0-7.5

Boiling Point: >220 °F

Odor Threshold: Not available

Solubility (H2O): 89%

Melting Point: Not available

Density: Not available

Specific Gravity: 0.99-1.0

Evaporation Rate: Not available

Octanol/H2O Coeff.: Not available

LFL: Not available

Auto Ignition Temperature: Not available

UFL: Not available

Flash Point: Not available

Vapor Pressure: Not available

Viscosity: Not available

Vapor Density: Not available

Flammability Class: Not available

Decomposition Temperature: Not available

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Other Property Information

No information is available.

* * * Section 10 - Stability & Reactivity * * *

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

Will not polymerize under normal temperature and pressure conditions.

Conditions To Avoid

Avoid heat, sparks, flames, and other sources of ignition. Avoid exposure to low temperatures or freezing. Avoid contact with incompatible materials.

Incompatible Materials

Strong oxidizer, strong acids, alkalis.

Hazardous Decomposition Products

Burning may produce carbon dioxide, carbon monoxide, and unidentified organic compounds. See also **SECTION 5: Hazardous Combustion Products.**

* * * Section 11 - Toxicological Information * * *

Toxicity Data and Information

Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Information on Likely Routes of Exposure

Inhalation

May cause irritation.

Ingestion

May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Skin Contact

May cause skin irritation.

Eye Contact

May cause eye irritation.

Immediate Effects

No information on significant adverse effects.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity

May cause eye irritation and skin irritation.

Respiratory Sensitization

No information available for the product.

Skin Sensitization

No information available for the product.

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Germ Cell Mutagenicity

No information available for the product.

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Teratogenicity

No information available for the product.

Reproductive Effects

No information available for the product.

Specific Target Organ Effects - Single Exposure

No information available for the product.

Specific Target Organ Effects - Repeated Exposure

No information available for the product.

Aspiration Hazard

No information available for the product.

Medical Conditions Aggravated by Exposure

Individuals with pre-existing skin and/or eye disorders may have increased susceptibility to the effects of exposure.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

No information available for the product.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Not available.

Persistence and Degradability

No information available for the product.

Bioaccumulation Potential

No information available for the product.

Mobility in Soil

No information available for the product.

Other Adverse Effects

No additional information is available.

* * * Section 13 - Disposal Considerations * * *

Disposal Methods

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code applicable to the disposal of this product.

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers.

The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

* * * Section 14 - Transport Information * * *

International Transportation Regulations

DOT Not regulated as a hazardous material.

TDG Not regulated as dangerous goods.

* * * Section 15 - Regulatory Information * * *

Volatile Organic Compounds (As Regulated)

<1.0 WT%; <0.083 lb/US gal; <9.9g/L

Product does not contain photochemically reactive solvent.

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Federal Regulations

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA 311/312 Hazardous Categories

Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

SARA Section 313

Component Analysis

This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA Inventory

Component Analysis

No information is available.

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

No component(s) are listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Canadian Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Component Analysis

No information is available.

Canadian WHMIS Information

Uncontrolled product according to WHMIS classification criteria.

*** Section 16 - Other Information ***

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Revision Information

Regulatory review and update.

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Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Disclaimer

User assumes all risks incident to the use of this (these) product(s). To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.