

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200 Standard must be
consulted for specific requirements

U.S. Department of Labor
Occupational Safety and Health
Administration (Non-Mandatory Form)
Form Approved: OMB No. 1218-0072

IDENTITY: JOE'S ALL PURPOSE HAND CLEANER MSDS #100

FORMULA: PROPRIETARY FORMULATION

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Section I

Manufacturer's Name:

Kleen Products, Inc.

Emergency Telephone Number:

Oklahoma Poison Control (405) 271-5454

Address:

8136 S.W. 8th Street
PO Box 852100
Yukon, OK 73085-2100

Telephone Number for Information:

(800) 392-1792 or (405) 495-1168
Date Prepared: 5/30/2014

Section II

Hazardous Components (Specific Chemical Identity: Common Name(s))

| | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED | % OPTIONAL |
|-------------------------------|--------------------|----------------|-----------------------------|------------|
| <u>PETROLEUM DISTILLATES</u> | <u>#64742-15-0</u> | <u>N/E</u> | <u>100 PPM</u> | <u>+-1</u> |
| <u>AMYL ACETATE</u> | <u>#628-63-7</u> | <u>100 PPM</u> | <u>100 PPM</u> | <u>+-1</u> |
| <u>ISOPROPANOL</u> | <u>#67-63-0</u> | <u>400PPM</u> | <u>400 PPM</u> | <u>+-1</u> |
| <u>NONYLPHENOL ETHOXYLATE</u> | <u>#26027-38-3</u> | <u>N/E</u> | <u>N/E</u> | |

Section III

Boiling Point: 168 DEGREES F
Specific Gravity: (H2O=1): 0.871 +-
Vapor Pressure: (mm Hg): @ 20 Degrees C: 15.80
Melting Point: N/E
Vapor Density: (AIR=1): @ 20 Degrees C: 5.0
Evaporation Rate: (Butyl Acetate = 1): N/E
Solubility in Water: COMPLETE WEIGHT/GALLON: 7 lbs
Appearance and Odor: THICK CREAMY WITH BANANA ODOR PH: 7.8+-

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): 120 Degrees F, PM COC
Flammable Limits: .8% by Volume in Air LEL: N/E UEL: N/E
Extinguishing Media: CO2@, Foam and Dry Chemical
Special Fire Fighting Procedures: Water spray ineffective on fire, may be used to cool container, will protect fire fighters. Handle as an oil fire. Use fog nozzles and self-contained breathers.
Unusual Fire and Explosion Hazards: Keep containers tightly closed. Isolate from oxidizers, heat, open flame.

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Section V – Reactivity Data

| | | | |
|----------------------------------------|---------------------------------------------------------------------------------------------|----------------------|----------------|
| Stability: | Unstable: | Conditions to Avoid: | Excessive Heat |
| | Stable: | X | |
| Incompatibility (Materials to Avoid): | Isolate from strong oxidizers such as Permanganate | | |
| Hazardous Decomposition or Byproducts: | Carbon Monoxide, Carbon Dioxide & Nitrogen Oxide vapors from burning. | | |
| Hazardous Polymerization: | | | |
| May occur: | Conditions to Avoid, Catalyst such as aluminum chloride. Product is not an oxygen donor. | | |
| Will not occur: | X | | |

Section VI – Health Hazard Data

Routes of Entry: Inhalation? No Skin? No Ingestion? No
Health Hazards (Acute and Chronic): Ingestion: Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea. If swallowing occurs, do not induce vomiting due to aspiration. Seek medical attention.
Carcinogenicity: NTP? N/E IARC Monographs? N/E OSHA Regulated? No
Signs of Symptoms and Exposure: Eye Contamination: Primary irritation and redness. Flush with plenty of water for 15 minutes, or until irritation ceases.
List d-Limonene as GRAS – “GENERALLY RECOGNIZED AS SAFE”.
Medical Conditions General Aggravated by Exposure: SEE EYE CONTAMINATION
Emergency and First Aid Procedures: See Ingestion, Health Hazards

SECTION VII – Precautions for Safe Handling and Use

According to NFPA Codes: Health – 1 Fire – 2 Reactivity – 0
Steps to be taken in case Material is release or spilled: Mop up with absorbents material and dispose approved containers in accordance with local, state and federal regulations concerning health, safety and pollution
Precautions To Be Taken in Handling and Storing: Do not store above 49 Degrees C/120 Degrees F. Keep from freezing. Do not cut, weld or braze on or around open containers.
Other Precautions: None

SECTION VIII – Control Measures

| | |
|-----------------------------------------------------|-------------------------------|
| Respiratory Protection (Specify Type): | None |
| Ventilations: Local Exhaust: Local Room Ventilation | Special: None |
| Mechanical (General): Acceptable Other: | None |
| Protective Gloves: | None Eye Protection – None |
| Other Protective Clothing or Equipment: | None |
| Work/Hygienic Practices: | None |

Disclaimer: The Manufacturer believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experiences as of the date of publication. They are not necessarily all inclusive or fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.