



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008  
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PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **ORANGE KLEEN, Hand Cleaner with Grit**  
PRODUCT CODE: 117970

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health:	0/1	Fire:	0/0
Reactivity:	0/0	Special/Protective Equipment:	None

NAME OF THE MANUFACTURER: Rochester Midland Corporation  
333 Hollenbeck Street  
Rochester, New York 14621  
Information: 585-336-2200  
Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

INGESTION:	Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting.
SKIN CONTACT:	Prolonged contact may lead to irritation and dermatitis.
INHALATION:	None in normal use.
EYE CONTACT:	May cause mild eye irritation.
CHRONIC EFFECTS:	Prolonged contact may cause dryness and irritation.
EFFEOTS/CARCINOGENICITY:	None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY:	Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
d-Limonene 5989-27-5	> 2	NA	NA
Glycerin 56-81-5	1 - 5	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>
Lanolin 8006-54-0	1 - 5	NA	NA

### 4. FIRST AID MEASURES

INGESTION:	DO NOT INDUCE VOMITING. Contact Physician.
SKIN:	Rinse thoroughly with water.
INHALATION:	Not a hazard under normal use conditions.
EYES:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN:	None.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None to boiling (C): NA  
METHOD: PMCC

# ORANGE KLEEN, Hand Cleaner with Grit

## FLAMMABLE LIMITS IN AIR

- LOWER (%): 0.4%  
- UPPER (%): 6.1%

## SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

Sensitivity to static discharge is not expected.

## SENSITIVITY TO STATIC DISCHARGE:

Water fog, carbon dioxide, foam, dry chemical.

## SUITABLE EXTINGUISHING MEDIA:

Cool exposed containers with water spray. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## FIRE FIGHTING PROCEDURES:

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

SMALL SPILLS: Mop up or soak up immediately.  
LARGE SPILLS: Wipe up spills and then rinse with water.

### PERSONAL PRECAUTIONS:

NA

### ENVIRONMENTAL PRECAUTIONS:

NA

### METHODS FOR CLEANING UP:

NA

## 7. HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN

Store in a cool, dry area.

### IN HANDLING AND STORAGE:

### OTHER PRECAUTIONS:

Keep out of reach of children.

### SPECIFIC USE(S):

NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:

### EXPOSURE CONTROLS:

None known.

### RESPIRATORY PROTECTION:

None.

### PROTECTIVE GLOVES:

None.

### EYE PROTECTION:

None.

### OTHER PERSONAL PROTECTION

None required.

### EQUIPMENT:

### VENTILATION:

None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE AND ODOR:

White. Creamy. Viscous lotion. Citrus odor.

### BOILING POINT (F):

NA (C) NA

### VAPOR PRESSURE:

2 mm Hg @ 25 C

### VAPOR DENSITY (AIR=1):

< 1

### SOLUBILITY IN WATER:

NA

### SPECIFIC GRAVITY:

1.02 - 1.03

### VOC Content (%):

4 (ARB 310)

### VOV Content (%):

NE

### EVAPORATION RATE:

(BuAc=1) : 1.26

### PH:

5.5 - 7.5

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## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: Hydrogen halides  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
CONDITIONS/HAZARDS TO AVOID: None.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE  
EFFECTS OF CHRONIC EXPOSURE: NE  
OTHER TOXIC EFFECTS: NE

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: NA  
PERSISTENCE/DEGRADABILITY: NA  
BIOACCUMULATIVE POTENTIAL: NA  
OTHER ADVERSE EFFECTS: NA

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
d-Limonene 5989-27-5	> 2	Listed	Not Listed	Listed	Not Listed
Glycerin 56-81-5	1 - 5	Listed	Listed	Listed	Not Listed
Lanolin 8006-54-0	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
d-Limonene 5989-27-5	> 2	Not Listed	Not Listed	Not Listed
Glycerin 56-81-5	1 - 5	Not Listed	Not Listed	Not Listed
Lanolin 8006-54-0	1 - 5	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
d-Limonene 5989-27-5	> 2	Listed
Glycerin 56-81-5	1 - 5	Listed
Lanolin 8006-54-0	1 - 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Glycerin 56-81-5	1 - 5	Listed

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
d-Limonene 5989-27-5	> 2	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Glycerin 56-81-5	1 - 5	Listed
Lanolin 8006-54-0	1 - 5	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*