



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 9  
DATE PRINTED: 11/11/2008 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.  
EFFECTS/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

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### FLAMMABLE LIMITS IN AIR

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

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

NO

### SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

### SUITABLE EXTINGUISHING MEDIA:

Water fog, carbon dioxide, foam, dry chemical.

### FIRE FIGHTING PROCEDURES:

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

## 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 IN HANDLING AND STORAGE: Store in a cool, dry area.

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 EQUIPMENT: None required.

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 \*\*\*