



# SAFETY DATA SHEET

Revision Date 04/11/2017

REVISION NUMBER: 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** HANDGUARD FOAM E HAND SANITIZER CLEANER

### Other means of identification

**Product code** 515984

**Synonyms** NONE

### Recommended use of the chemical and restrictions on use

**Recommended Use** Hand Soap. Sanitizer.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Manufacturer Address**  
See Distributor information.

**Distributor**  
Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA

### Emergency telephone number

**EMERGENCY TELEPHONE**  
INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

#### **Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Serious eye damage/eye irritation

Category 2B

### Label elements

#### **Emergency Overview**

#### **WARNING**

#### **Hazard statements**

Causes eye irritation

**Appearance** Pale yellow liquid

**Physical state** Liquid

**Odor** Odorless

#### **Precautionary Statements - Response**

Call a POISON CENTER or doctor/physician if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

#### **Hazards not otherwise classified (HNOC)**

No information available

Other Information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| PRODUCT COMPOSITION    | CAS No.    | %     | TRADE SECRET |
|------------------------|------------|-------|--------------|
| Cocamidopropyl betaine | 61789-40-0 | 0 - 5 |              |
| Cocamine oxide         | 68155-09-9 | 0 - 5 |              |
| Benzalkonium chloride  | 8001-54-5  | 0 - 5 |              |

**4. FIRST AID MEASURES**First aid measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| <b>Eye contact</b>    | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin contact</b>   | IF ON SKIN: If irritation persists, wash with water.   |
| <b>Inhalation</b>     | IF INHALED: Remove to fresh air.   |
| <b>Ingestion</b>      | IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.   |

Most important symptoms and effects, both acute and delayed

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

**Hazardous combustion products** Carbon oxides.

Explosion data

**Sensitivity to Mechanical Impact** NONE.

**Sensitivity to Static Discharge** NONE.

Protective equipment and precautions for firefighters

In the event of fire and/or explosion do not breathe fumes. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Flush residue with water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Store between 32° F and 120°F.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**ENGINEERING CONTROLS** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Eye protection should be used when splashing may occur.

**Skin and body protection** No special technical protective measures are necessary.

**RESPIRATORY PROTECTION** None normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                      |                          |                                |                          |
|--------------------------------------|--------------------------|--------------------------------|--------------------------|
| <b>Physical state</b>                | Liquid                   | <b>Odor</b>                    | Odorless                 |
| <b>Appearance</b>                    | Pale yellow liquid       | <b>Odor threshold</b>          | No information available |
| <b>Color</b>                         | White or Light Yellow    |                                |                          |
| <b><u>Property</u></b>               | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |                          |
| <b>pH</b>                            | 7.4                      |                                |                          |
| <b>Melting point/freezing point</b>  | No information available |                                |                          |
| <b>Boiling point / boiling range</b> | No information available |                                |                          |
| <b>Flash point</b>                   | -                        | None to boiling.               |                          |
| <b>Evaporation rate</b>              | No information available |                                |                          |

|                              |                          |
|------------------------------|--------------------------|
| Flammability (solid, gas)    | No information available |
| Flammability Limit in Air    |                          |
| Upper flammability limit:    | No information available |
| Lower flammability limit:    | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific gravity             | No information available |
| Water solubility             | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Dynamic viscosity            | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

**Other Information**

|                          |                          |
|--------------------------|--------------------------|
| Softening point          | No information available |
| VOC (EPA METH.24) (G/L): | No information available |
| Density                  | No information available |
| Bulk density             | No information available |

## 10. STABILITY AND REACTIVITY

**REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**CONDITIONS TO AVOID**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Oxides of Carbon.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |                     |
|----------------------------|---------------------|
| <b>Product Information</b> | No data available.  |
| <b>Inhalation</b>          | No data available.  |
| <b>Eye contact</b>         | Irritating to eyes. |
| <b>Skin contact</b>        | No data available.  |
| <b>Ingestion</b>           | No data available.  |

| PRODUCT COMPOSITION                  | Oral LD50            | Dermal LD50          | Inhalation LC50 |
|--------------------------------------|----------------------|----------------------|-----------------|
| Cocamidopropyl betaine<br>61789-40-0 | = 4900 mg/kg ( Rat ) | -                    | -               |
| Benzalkonium chloride                | = 240 mg/kg ( Rat )  | = 1420 mg/kg ( Rat ) | -               |

|           |  |  |  |
|-----------|--|--|--|
| 8001-54-5 |  |  |  |
|-----------|--|--|--|

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.  
**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

|                                   |
|-----------------------------------|
| <b>12. ECOLOGICAL INFORMATION</b> |
|-----------------------------------|

**Ecotoxicity**

| PRODUCT COMPOSITION                  | Algae/aquatic plants  | Fish  | Crustacea                            |
|--------------------------------------|---|---|--------------------------------------|
| Cocamidopropyl betaine<br>61789-40-0 | 1.0 - 10.0: 72 h<br>Desmodesmus subspicatus<br>mg/L EC50 0.55: 96 h<br>Desmodesmus subspicatus<br>mg/L EC50 | 2: 96 h Brachydanio rerio<br>mg/L LC50 semi-static 1.0 -<br>10.0: 96 h Brachydanio rerio<br>mg/L LC50   | 6.5: 48 h Daphnia magna<br>mg/L EC50 |
| Benzalkonium chloride<br>8001-54-5   | -   | 0.223 - 0.46: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 1.3: 96 h Poecilia<br>reticulata mg/L LC50<br>semi-static 2.4: 96 h Oryzias<br>latipes mg/L LC50<br>semi-static 0.823 - 1.61: 96<br>h Oncorhynchus mykiss<br>mg/L LC50 static | -                                    |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

|                                    |
|------------------------------------|
| <b>13. DISPOSAL CONSIDERATIONS</b> |
|------------------------------------|

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

|                                  |
|----------------------------------|
| <b>14. TRANSPORT INFORMATION</b> |
|----------------------------------|

**DEPT. OF TRANSPORTATION**

Proper shipping name

Not Regulated by DOT

**TDG**

Not Regulated

**15. REGULATORY INFORMATION****International Inventories**

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDSL      | Complies        |
| EINECS/ELINCS | Does not Comply |
| ENCS          | Does not Comply |
| IECSC         | Complies        |
| KECL          | Complies        |
| PICCS         | Complies        |
| AICS          | Complies        |

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| ACUTE HEALTH HAZARD               | YES |
| CHRONIC HEALTH HAZARD             | No  |
| FIRE HAZARD                       | No  |
| Sudden release of pressure hazard | No  |
| REACTIVE HAZARD                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**NFPA

Health hazards 1

Flammability 0

Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 1

Flammability 0

Physical hazards 0

Personal protection X

Revision Date

04/11/2017

Revision Note

The Composition was revised based on new supplier information.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**\*\*\* END OF SDS \*\*\***