



# MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2  
DATE PRINTED: 11/11/2008 PREPARED BY: Walter Friedlander

## 1. CHEMICAL PRODUCT

PRODUCT NAME: **CLEANAIRE 1100, Aluminum Safe Heavy Duty Cleaner**  
PRODUCT CODE: 117822

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

Health: 1/1 Fire: 0/0  
Reactivity: 0/0 Special/Protective Equipment: ALK/A

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: Large amounts may cause irritation, nausea, diarrhea.  
SKIN CONTACT: Prolonged contact may lead to irritation and dermatitis.  
INHALATION: Inhalation of spray mist may be irritating.  
EYE CONTACT: Causes moderate eye irritation.  
CHRONIC EFFECTS: None known.  
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
Detergent blend MIXTURE	15 max.	NA	NA
Sodium metasilicate 6834-92-0	less than 1	NA	NA

## 4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.  
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.  
INHALATION: Move person to fresh air. Aid breathing if necessary.  
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 (TCC) (C): NA  
METHOD: TCC

FLAMMABLE LIMITS IN AIR

# CLEANAIRE 1100, Aluminum Safe Heavy Duty Cleaner

- LOWER (%): NA  
- UPPER (%): NA

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):** NO  
**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.  
**SUITABLE EXTINGUISHING MEDIA:** As appropriate for surrounding fire-product is mostly water and will not burn.  
**FIRE FIGHTING PROCEDURES:** None.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

**SMALL SPILLS:** Mop up all possible. Rinse down drain.  
**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder 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 indoors.  
**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 normally required.  
**PROTECTIVE GLOVES:** Rubber or plastic gloves recommended to minimize skin contact.  
**EYE PROTECTION:** Goggles.  
**OTHER PERSONAL PROTECTION EQUIPMENT:** None.  
**VENTILATION:** None required. General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Clear yellow liquid. Mild odor.  
**BOILING POINT (F):** 212 F (C) NA  
**VAPOR PRESSURE:** As water  
**VAPOR DENSITY (AIR=1):** As water  
**SOLUBILITY IN WATER:** NA  
**SPECIFIC GRAVITY:** 1.007 +/- 0.005  
**VOC Content (%):** 86 +/- 2 (water)  
**VOV Content (%):** NE  
**EVAPORATION RATE:** As water  
**PH:** 12.0 +/- 0.2

## 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.

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## 10. STABILITY AND REACTIVITY

**HAZARDOUS DECOMPOSITION:** Hydrogen halides  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Do not mix with: Acids. Neutralizes active ingredients.  
**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:
Detergent blend MIXTURE	15 max.	Not Listed	Not Listed	Not Listed	Not Listed
Sodium metasilicate 6834-92-0	less than 1	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Detergent blend MIXTURE	15 max.	Not Listed	Not Listed	Not Listed
Sodium metasilicate 6834-92-0	less than 1	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sodium metasilicate 6834-92-0	less than 1	Listed

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

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

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

## 16. OTHER INFORMATION

## CLEANAIRE 1100, Aluminum Safe Heavy Duty Cleaner

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### 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 \*\*\***