



MATERIAL SAFETY DATA SHEET

REVISION DATE: 11/19/2012

REVISION NUMBER:

3

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **F-333, Moderate Duty Alkaline Cleaner**

PRODUCT CODE: 118395

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: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624
USA

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: Causes moderate skin irritation. May cause skin burns.
INHALATION: May irritate mouth, nose, and throat.
EYE CONTACT: Causes moderate eye irritation. May Cause Eye Burns.
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
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	100 ppm	100 ppm 600 mg/m ³
Sodium metasilicate 6834-92-0	1.0-5.0	Not applicable	Not applicable
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Not applicable	Not applicable
POTASSIUM HYDROXIDE 1310-58-3	< 1	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Get immediate medical attention. Rinse mouth.
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None (C): Not determined
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Product will not be expected to burn unless all the water is boiled away. Water. As for surrounding fire.
FIRE FIGHTING PROCEDURES:	Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:	Pick up with absorbant material.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	WARNING Avoid contact with eyes, skin and clothing. Keep container closed when not in use. Wash thoroughly after handling. Use only in a well ventilated area.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Use in a well ventilated area.
RESPIRATORY PROTECTION:	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
PROTECTIVE GLOVES:	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
EYE PROTECTION:	Goggles and face shield are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear. Light blue liquid. Mild odor.	
BOILING POINT (F):	Not determined	(C) Not determined
VAPOR PRESSURE:	Same as water	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Complete	
SPECIFIC GRAVITY:	1.08 - 1.09	
VOC Content (%):	Not determined	
EVAPORATION RATE:	Not determined	
PH:	13.0 - 13.5	

9. PHYSICAL AND CHEMICAL PROPERTIES**10. STABILITY AND REACTIVITY**

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

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:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Listed	Listed	Listed	Not Listed
Sodium metasilicate 6834-92-0	1.0-5.0	Listed	Listed	Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Not Listed	Not Listed	Not Listed
Sodium metasilicate 6834-92-0	1.0-5.0	Not Listed	Not Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	1000 lb 454 kg	Not Listed	Not Listed

F-333, Moderate Duty Alkaline Cleaner

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Listed
Sodium metasilicate 6834-92-0	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	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:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	Listed

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

PRODUCT COMPOSITION CAS#	%	NJRTK:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	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:
Dipropylene glycol methyl ether 34590-94-8	5.0-10.0	Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	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 ***