

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/13/2012

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REVISION NUMBER:

PREPARED BY:

EH&S DEPARTMENT

CHEMICAL PRODUCT

PRODUCT NAME:

F-204, Liquid Alkaline Foam Cleaner and Degreaser

PRODUCT CODE:

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

Health:

2/2

0/0

Reactivity:

0/0

Special/Protective Equipment:

ALK/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

HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:

Causes vomiting, nausea, and diarrhea. Severe burns to mucous membranes of mouth, throat

and digestive tract.

SKIN CONTACT: INHALATION:

Prolonged contact causes severe burns which may not be immediately painful or visible. Inhalation of dust or mist may cause nose and respiratory irritation. Possible tissue damage.

Possible dizziness, headache.

EYE CONTACT:

CHRONIC EFFECTS:

May Cause Eye Burns. May cause permanent eye damage. May cause blindness.

Dermatitis. Possible respiratory damage from inhalation of dust or mist. Long term

overexposure to some glycol ethers by skin absorption or inhalation may cause kidney, liver, or blood effects based on animal testing.

EFFECTS/CARCINOGENICITY:

ROUTES OF ENTRY:

None listed under OSHA, IARC, or NTP

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Sodium metasilicate 6834-92-0	1 - 5	Not applicable	Not applicable
Diethylene glycol butyl ether 112-34-5	1 - 10	Not applicable	Not applicable
Sodium dodecyclbenzene sulfonate 25155-30-0	1 - 5	Not applicable	Not applicable

FIRST AID MEASURES

INGESTION:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN:

Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns

develop.

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-

mouth. If breathing is difficult give oxygen. Get medical attention.

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4. FIRST AID MEASURES

EYES:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate

medical attention. Remove contact lenses.

NOTES TO PHYSICIAN:

None

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

(F): None to boiling (C): None

to boiling

METHOD:

TCC

FLAMMABLE LIMITS IN AIR

LOWER (%): UPPER (%):

NA NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE: SUITABLE EXTINGUISHING MEDIA: FIRE FIGHTING PROCEDURES:

NO

Sensitivity to static discharge is not expected. Product is mostly water and will not burn.

Corrosive material. Avoid exposure to mist and splashes. Firefighters should wear self-contained breathing apparatus and full

protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: LARGE SPILLS: Mop up all possible. Flush with water.

Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable. Dike

to contain. Pick up with absorbant material. Put in suitable container for disposal.

PERSONAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:

Not applicable

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN

IN HANDLING AND STORAGE:

Alkaline liquid. Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing. Store in a cool, dry location away from incompatible materials. Keep container closed when not in

use. Do not reuse this container. Mix only with water. Keep from freezing. Follow label

directions carefully.

OTHER PRECAUTIONS:

Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release

hazardous amounts of carbon monoxide gas in enclosed vessels. Keep out of reach of

children.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

RESPIRATORY PROTECTION:

Localized ventilation should be used to control dust levels.

Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved

organic vapor respirator.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION

Wear eye protection and protective clothing. Rubber boots. Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT:

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VENTILATION:

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Blue clear liquid; glycol ether odor.

BOILING POINT (F):

212° F

(C) 100° C

VAPOR PRESSURE:

As water

VAPOR DENSITY (AIR=1):

As water

SOLUBILITY IN WATER:

Not determined

SPECIFIC GRAVITY: VOC Content (%):

1.04 - 1.06

EVAPORATION RATE:

Not determined

As water

PH:

12.5 - 13.5

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

If evaporated to dryness, as in a fire, material may burn, releasing: Soot. Smoke, Carbon

Monoxide, Oxides of Sulfur.

INCOMPATIBILITY (MATERIALS TO

Neutralizes active ingrediants and may release acid fumes. Do not mix with acidic materials.

AVOID):

CONDITIONS/HAZARDS TO AVOID: None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Not Established

EFFECTS OF CHRONIC EXPOSURE: Not established.

OTHER TOXIC EFFECTS:

Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL

No data at this time

INFORMATION: 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

F-204, Liquid Alkaline Foam Cleaner and Degreaser

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
	4 5	Lietori	Listed	Listed	Not Listed
Sodium metasilicate 6834-92-0	1 - 5	Listed	Listed	Listed	Not Listed
Diethylene glycol butyl ether 112-34-5	1 - 10	Listed	Listed	Listed	Not Listed
Sodium dodecyclbenzene sulfonate 25155-30-0	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium metasilicate 6834-92-0	1 - 5	Not Listed	Not Listed	Not Listed
Diethylene glycol butyl ether 112-34-5	1 - 10	Not Listed	Not Listed	Not Listed
odium dodecyclbenzene sulfonate 25155-30-0	1 - 5	1000 lb 454 kg	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:	
Sodium metasilicate 6834-92-0	1 - 5	Listed	
Diethylene glycol butyl ether 112-34-5	1 - 10	Listed	
Sodium dodecyclbenzene sulfonate 25155-30-0	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:
Sodium dodecyclbenzene sulfonate 25155-30-0	1 - 5	Listed

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

The following compensation of the		
PRODUCT COMPOSITION	%	NJRTK:
CAS#		
Diethylene glycol butyl ether 112-34-5	1 - 10	Listed
Sodium dodecyclbenzene sulfonate 25155-30-0	1 - 5	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:
Diethylene glycol butyl ether 112-34-5	1 - 10	Listed
Sodium dodecyclbenzene sulfonate 25155-30-0	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 ***