

FAC - Foaming Acid Concentrate Cleaner

SDS Number: H698129

Revision Date: October 5, 2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: FAC - Foaming Acid Concentrate Cleaner
Revision Date: October 5, 2015
SDS Number: H698129

Manufactured for:

Kärcher North America, Inc.
 325 South Price Road
 Chandler, AZ 85224

Phone: 360-833-1600
Fax: 360-833-9200
Email: info@karcherna.com
Web: www.karcher.com

Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation
Target Organs: Eyes; Skin
Inhalation: Respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Toxic; if swallowed. Will cause gastrointestinal irritation with nausea, vomiting and diarrhea. Get medical attention.

NFPA:
 HMIS III:

Health = 2, Fire = 1, Reactivity = 0
 H3/F1/PH0



HMIS III	
HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION D Face Shield and Eye Protection, Gloves, Apron	

PERSONAL PROTECTION INDEX													
A													
B													
C													
D													
E													
F													
G													
H													
I													
J													
K													
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions												
A		n		o		p		q		r		s	
t		u		w		y		z		Additional Information			



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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:
Health, Skin corrosion/irritation, 1 B
Health, Acute toxicity, 5 Oral
Health, Acute toxicity, 4 Inhalation

GHS Phrases:
H314 - Causes severe skin burns and eye damage
H303 - May be harmful if swallowed
H332 - Harmful if inhaled

GHS Precautionary Statements:
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash exposed skin thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P363 - Wash contaminated clothing before reuse.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CAS #	Percentage	Chemical Name
7664-38-2	15-25%	Phosphoric acid
25155-30-0	4-15%	Alkyl Benzenesulfonate
79-14-1	1-5%	Glycolic Acid

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.



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4 FIRST AID MEASURES

- Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Skin Contact:** For skin contact flush with large amounts of water. If irritation persists get medical attention. Immediately take off all contaminated clothing. Wash separately before reuse.
- Eye Contact:** Promptly wash eyes with plenty of water while lifting the eyelids. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician or Poison Control Center immediately. Obtain medical attention and take along these instructions.
- Ingestion:** Call a physician or Poison Control Center immediately. Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.
- Notes to physician: If the product is ingested, probably mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5 FIRE FIGHTING MEASURES

- Flash Point:** 100°C/ 212°F
- Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.
- Storage Requirements:** Keep away from children. Store in cool/dry area; Keep container closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Normal room ventilation is satisfactory for limited use.
- Personal Protective Equip:** HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron

Phosphoric Acid 7664-38-2 OSHA PEL 1 mg/m³

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white	Solubility:	Soluble
Physical State:	Liquid		
Spec Grav./Density:	10.09 lb./gal.		
pH:	1.8 (1 oz/gal)		

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	None known
Materials to Avoid:	Strong bases and reducing agents.
Hazardous Decomposition:	Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:

Eye Contact: Eye contact with the product may cause irreversible eye damage.
Skin Contact: Skin contact with the product may cause skin burns.
Inhalation: Heavy exposure to mist may be irritating to the respiratory system.
Ingestion: Harmful if swallowed.
Medical Conditions Generally Known to be Aggravated by Exposure: None known.

Toxicity Of Components:

Phosphoric Acid	LD ₅₀ (Oral Rat) = 1530 mg/kg
Glycolic Acid	LD ₅₀ (Oral Rat) = 1950 mg/kg
Alkyl Benzenesulfonate	LD ₅₀ (Oral Rat) = >1000 mg/kg

Carcinogenicity No component of this product is considered to be carcinogen by IARC, ACGIH, NTP or OSHA.

12 ECOLOGICAL INFORMATION

May be harmful to aquatic organisms due to its low pH.

13 DISPOSAL CONSIDERATIONS

Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water.

14 TRANSPORT INFORMATION

UN1760 Corrosive Liquid, n.o.s., (Phosphoric Acid, Glycolic Acid), 8, PG III
Ship in accordance with 49 CFR parts 100-185.



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REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES

*Phosphoric acid (7664382 15-25%) CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA, TXAIR, WHMIS

*Alkyl Benzenesulfonate (25155300 4-15%) CERCLA, CSWHS, MASS, PA, TSCA

*Glycolic Acid (79141 1-5%) TSCA, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workplace Haz Mat Info Sys Canada

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OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager