SECTION 1: Identification and Supplier/Manufacturer's Information

1.1. Product identifier

Product form: Compounded Product

Product name: PC-30F M-KYL

Product code: 10-078

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Disinfectant & Sanitizer

1.3. Details of the supplier of the safety data sheet

Pioneer Chemical
13717 S. Normandie Ave.
Gardena, CA 90249 - USA

T 310-366-7393
F 310-366-7193
www.pioneerchem.com

1.4. Emergency telephone number

Emergency number: INFOTRAC: 800-535-5053

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Corrosion : Category 1

Serious eye damage : Category 1

2.2. Label elements

GHS-US labeling

Hazard pictograms:

Signal word: Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statements:

Prevention:

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

2.3. Hazard not otherwise classified (HNOC)

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%
Ethanol	(CAS No) 64-17-5	< 5%
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	(CAS No) 68424-85-1	< 10%
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	(CAS No) 68424-95-3	< 10%
Tetrasodium ethylenediaminetetraacetate	(CAS No) 64-02-8	< 5%

(NOTE: If component displays the * (asterisk) symbol, the following statement applies.)

***Chemical name, CAS number and/or exact concentration have been withheld as a trade secret**

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Move to fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Give oxygen.

First aider needs to protect himself.

Call a physician immediately.

First-aid measures after skin contact: Take off all contaminated clothing immediately.

After contact with skin, wash immediately with plenty of soap and water.

Call a physician immediately.

First-aid measures after eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Call a physician immediately.

First-aid measures after ingestion: Call physician immediately.

Clean mouth with water and drink afterwards plenty of water.

Do not induce vomiting without medical advice.

Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray, dry powder, foam

Unsuitable extinguishing media: N/A

5.2. Special hazards arising from the substance or mixture

Fire hazard: Not flammable.

Reactivity: Heating or fire can release toxic gas.

5.3. Advice for firefighters

Firefighting instructions: Use water spray to cool unopened containers.

Protection during firefighting: In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use respirator when performing operations involving potential exposure to vapour of the product.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Use respirator when performing operations involving potential exposure to vapour of the product.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

For containment: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite).

Methods for cleaning up: Place in container for disposal according to local/national regulations (see section 13).

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes.

Hygiene measures: Provide sufficient air exchange and/or exhaust in work rooms.
Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Incompatible products: None known.

Storage area: Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethanol (64-17-5)		
USA ACGIH	ACGIH Ceiling (mg/m³)	1,000 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	1,000 ppm 1,900 mg/m³

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection: Tightly fitting safety goggles

Face-shield

Skin and body protection:	Choose body protection according to the amount and concentration of the dangerous substance at the work place. Rubber or plastic apron Rubber or plastic boots
Respiratory protection:	In the case of vapour formation use a respirator with an approved filter.
Other information:	When using, do not eat, drink or smoke.
Appropriate engineering controls:	Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid	Relative evaporation rate (butyl acetate=1):	No data available
Color:	Clear	Partition Coefficient n-Octanol-Water:	No data available
Odor:	Odorless	Flammability (solid, gas):	Not flammable
Odor threshold:	No data available	Vapor pressure:	No data available
pH:	12.9	Vapor density:	Not data available
Melting point:	not determined	Specific Gravity @ 77° F:	N/A
Freezing point:	No data available	Solubility:	soluble
Boiling point:	No data available	Flash point:	> 100 °C
Explosive limits:	No data available	Auto-ignition temperature:	No data available
Viscosity:	No data available	Decomposition temperature:	No data available

9.2. Other information

VOC content: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known. Stable.

10.4. Conditions to avoid

None known

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Quartemary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)	
LD50 oral rat	344 mg/kg
LD50 dermal rabbit	3,340 mg/kg (24 hr)

Skin corrosion/irritation:

Corrosive

Species: Rabbit

Exposure time: 24 h

Method: DOT

Serious eye damage/irritation:

Eye irritation

Corrosive

Species: Rabbit

Method: DOT

Respiratory or skin sensitization:

Sensitisation

Test Type: Buehler Test

Species: Guinea pig

Assessment: Did not cause sensitisation on laboratory animals.

Method: OECD Test Guideline 406

Result: not sensitizing

GLP: yes

Germ cell mutagenicity:

Genotoxicity in vitro

negative

Ames test, Salmonella typhimurium

Metabolic activation: yes

OECD Test Guideline 471

GLP: yes

negative

Chromosome aberration test in vitro, Human lymphocytes

Metabolic activation: yes

OECD Test Guideline 473

GLP: yes

SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Ethanol (64-17-5)	
Partition coefficient: n-octanol/water	log Pow: -0.3

12.4. Other adverse effects

Ozone-Depletion Potential:

Regulation: U.S. EPA Clean Air Act (CAA) Section 602 Ozone Depleting Substances (40 CFR 82, Subpt. A, App A & B)

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations:

Dispose of contents/container in accordance with Local, State, and Federal regulations.

Ecology - waste materials:

Avoid release to the environment.

SECTION 14: Transport information

14.1. UN Number

UN-No.(DOT) :	1903

14.2. UN proper shipping name

DOT Proper Shipping Name :	Disinfectants, liquid, corrosive n.o.s. (Dialkyldimethylammonium chloride, Ethanol solution)
Transport hazard class :	8
Packing group :	II
Hazard labels (DOT) :	8
Emergency Response Guidebook Number :	153
Environmental hazards:	no

SECTION 15: Regulatory information

15.1. US Federal regulations

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word:	Danger
Hazard statements:	Harmful if swallowed.
	Harmful if absorbed through skin.
	Corrosive. Causes skin burns.
	Corrosive. Causes irreversible eye damage.
EPA No.	6836-136

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards: Acute Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

15.2. International regulations

No data available.

15.2.2. National regulations

15.3. US State regulations

California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

This product is not subject to warning labeling under California Proposition 65. Ethanol is only considered a Proposition 65 development hazard when it is ingested as an alcoholic beverage.

SECTION 16: Other information

Revision date: 4/14/2017 **Supersedes:** 1/26/2017 **Version:** 4

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

[illegible] protective eyewear (goggles,face [illegible] clothing and protective (rubber, chemical [illegible] gloves. [illegible] and before eating, drinking, [illegible] tobacco or using the toilet. Remove contaminated [illegible] before reuse.

FIRST AID

EYES: Hold eye open and rinse slowly and gently with water for 15 - minutes. Remove contact lenses, if present, after the first 5 minutes, continue rinsing eye. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - minutes. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Have a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

FOR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL AREAS

Do not contaminate water, food, or feed by storage or disposal Pesticide Storage Open dumping is prohibited. Store in original container in [illegible] inaccessible to children. Pesticide Disposal Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous waste representatives at the nearest EPA Regional Office for guidance. Container Disposal Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty container ¼ full with water and reclose the container. Agitate vigorously, then dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in a sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not properly rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations. **STORAGE AND DISPOSAL FOR RESIDENTIAL USE:** Store in original container in [illegible] inaccessible to children. Nonrefillable container. Do not reuse or refill container. Wrap and put in trash or offer for recycling if available.

PC-30F

M-KYL 128 FOAMER

One-Step Disinfectant Cleaner - Sanitizer - Fungicide - Mildewstat
Virucide* -Deodorizer
For Homes, Restaurants, Hospitals, Institutional and Industrial Use

Effective in hard water up to 200 ppm hardness
(Calculated as $CaCO_3$) in the presence of 5% serum contamination
For Farm, School, Dairy, Restaurant, Food Handling and
Processing Areas, Bar and Institutional Kitchen Use

Staphylocidal-Pseudomonacidal-Bactericidal-Salmondellacidal
Fungicidal-Virucidal*

Active Ingredients:	
Octyl decyl dimethyl ammonium chloride	3.255%
Dioctyl dimethyl ammonium chloride	1.302%
Didecyl dimethyl ammonium chloride	1.953%
Alkyl (C_{14}. 50%; C_{12}. 40%; C_{16}. 10%) dimethyl benzyl ammonium chloride	4.340%
Other Ingredients:	89.150%
Total:	100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left panel for Precautionary Statements and First Aid.

EPA Reg. No. 6836-136-151 look up w/o the 151
EPA Est. No. 151-CA-1
Net Contents 5 GALLONS

Manufacutred by:

PIONEER CHEMICAL COMPANY 13717 S. Normandie Ave. Gardena, CA 90249

Concentrated-Disinfectant-Cleaner-Deodorant. This product con no phosphates or compounds.

PC-30F M-KYL 128 FOAMER

- delivers non-acid disinfectant and cleaning performance in an economical concentrate.
- is a heavy duty disinfectant cleaner that cleans, disinfects and deodorizes in one labor saving step.
- deodorizes by killing microorganisms that cause offensive odors [illegible]
- is a complete, chemically balanced disinfectant and sanitizer th provides clear use solutions even in the presence of hard wate
- is a concentrated one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal* (including H the AIDS Virus and Hepatitis B Virus and Hepatitus C Virus), fungicidal, and inhibits the growth of mold and mildew and thei odors when used as directed.
  - Kills avian influenza A (H3N2) and H5N1 on pre-cleaned environmental surfaces.
  - eliminates 99.9% of Staphylococcus aureus and Klebsiella pneumoniae in 30 seconds.
  - meets AOAC Germicidal & Detergent standards for previously cleaned food-contact surfaces.
  - has been cleared by 40 CFR 180.940 (a) for use on Food-co surfaces in public eating places, dairy-processing equipment, processing equipment, utensils and other food-contact article

Use PC-30F M-KYL 128 FOAMER

- as a disinfectant on hard, nonporous surfaces.
- in kitchens, bathrooms and other household areas.
- to clean and disinfectant finished floors, sink and tubs.
- with a mop and bucket, trigger sprayer, sponge-or-lay-soaking
- to clean and disinfect finished floors. [illegible] Cleans and disinfects without dul gloss.
- to clean and disinfect nonporous athletic mats, wrestling mats gymnastic mats, excercise equipment and training tables.
- on mildew stains in damp areas such as bathrooms, showers kitchens, basements and laundry rooms.
- as a commercial sanitizer on dishes, glassware, and utensils

PC-30F M-KYL 128 FOAMER is an effective sanitizer for use on pre-cleaned food contact surfaces at 300-400 ppm in wate up to 500 ppm hardness in 60 seconds against: Campylobacter jejuni, Escherie coli, ESBL Escherichia coli. Salmonella enterica, Shigella sonnei, Staphylococcus aureus. Vibrio cholerae, Yersinia enterocolitica.

Batch # 30190314