

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 T 310-366-7393
13717 S. Normandie Ave. F 310-366-7193
Gardena, CA 90249 - USA 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:



Hazard statements:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Signal word: **Danger**

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

<u>Name</u>	<u>Product identifier</u>	<u>%</u>
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.
 Provide sufficient air exchange and/or exhaust in work rooms.
 Hygiene measures: 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/m ³)	1,000 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1,000 ppm
		1,900 mg/m ³

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:

Quarternary 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
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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 SOCM 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