



# SAFETY DATA SHEET

## 1. Identification

<b>Product Identifier</b>	<b>Superior Pot &amp; Pan</b>	
<b>Other means of identification</b>		
Product code	CU-5220	
<b>Recommended use</b>	Manual dishwashing liquid.	
<b>Recommended restrictions</b>	None.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
Company name	Chemical Universe, Inc.	
Address	1841 Vernon Street North Kansas City, MO 64116	
Telephone	(816) 471-3602	
Fax	(816) 474-3302	
<b>Emergency phone number</b>	PERS	(800) 633-8253
	24-hour Emergency	(800) 633-8253

## 2. Hazard(s) Identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin Irritant	Category 2
	Eye Irritant	Category 2A
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not listed.	
<b>Label elements</b>		



<b>Signal word</b>	<b>WARNING</b>	
<b>Hazard statement</b>	Causes skin irritation. Causes serious eye irritation.	
<b>Precautionary statement</b>		
Prevention	Wash hands and exposed skin thoroughly after handling. Wear protective gloves. Wear eye protection/face protection.	
Response	<b>IF ON SKIN:</b> Wash with plenty water. Specific treatment (see Section 4 on the Safety Data Sheet) If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing before reuse. <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Storage	No special instructions	
Disposal	No special instructions	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None.	
<b>Supplemental information</b>	None.	



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### 3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Sodium Dodecylbenzenesulfonate	25155-30-0	3-9
Sodium Lauryl Ether Sulfate	68585-34-2	1-5
Other components below reportable levels		86-95

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air if irritated.
<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Dermatitis. Rash. May cause an allergic skin reaction.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
<b>Methods and materials for containment and cleaning up</b>	Caution – spillages may be slippery. Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Small spills: Wipe up with absorbent material (e.g. cloth, fiber wipes). Clean



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surface thoroughly to remove residual contamination. Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid discharge into surface waters or areas not consistent with package labeling.

### 7. Handling and storage

**Precautions for safe handling** Avoid contact with eye. Avoid prolonged exposure. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Do not store in extreme conditions.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

None

**Biological limit values** None

**Appropriate engineering controls** Emergency eye wash stations and showers should be readily accessible.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes.

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Nitrile and PVC materials are recommended

**Other** None.

**Respiratory protection** Respiratory protection not required.

**Thermal hazards** None.

**General hygiene considerations** When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

### 9. Physical and chemical properties

#### Appearance

**Physical State** Liquid.

**Color** Green.

**Odor** Citrus-Floral

**Odor threshold** Not available.

**pH** 5-7

**Melting/freezing point** Not available.

**Initial boiling point and boiling range** >212°F (100°C)

**Flash point** >385°F (196°C)

**Evaporation rate** Not available.

**Flammability** Not available.

#### Flammability Limits

**Upper** Not available.

**Lower** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.



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Specific gravity (water=1)	1.01
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Decomposes on heating.
Viscosity	Not available.

### 10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	None.
Hazardous decomposition products	Carbon dioxide, carbon monoxide.

### 11. Toxicological information

#### Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Prolonged skin contact causes irritation.
Eye contact	Repeated and/or prolonged eye contact causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.
Acute toxicity	Not established.

Product - Superior Pot & Pan (CAS mixture)		
Exposure Classification	Route and Species	LD <sub>50</sub>
Acute	Oral, rat	>5,000 mg/kg (estimated)
	Dermal, rabbit	> 9.460 mg/kg (estimated)

\*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.
Reproductive toxicity	Not classified.
Specific target organ toxicity – single exposure	Not classified.



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**Specific target organ toxicity – repeated exposure** Not classified.  
**Aspiration hazard** Not considered an aspiration hazard.

## 12. Ecological information

Ecotoxicity		
Product -Superior Pot & Pan (CAS mixture)		
Aquatic	Species	Test Results
Fish	Oncorhynchus mykiss	LC <sub>50</sub> (96hr): 500 mg/L estimated
*Estimates for product may be based on additional component data not shown		

**Persistence and degradability** Not available. Not expected to be persistent in an oxic environment  
**Bio-accumulative potential** Potential to bioaccumulate is low. Components are highly water-soluble  
**Mobility in soil** Not available. Expected to have moderate mobility in saturated soil matrix  
**Other adverse effects** Not available.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment. This product, as packaged, does not constitute a hazardous waste, by definition. (40 CFR Part 261 Subpart C - D)

**Local disposal regulations** Dispose in accordance with all applicable regulations

**Waste from residues/unused product** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

## 14. Transport information

**DOT** Not regulated as dangerous goods.

## 15. Regulatory information

### US federal regulations

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 304 Emergency release notification

Not listed.

#### SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

#### SARA 313 (TRI reporting)

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Not listed.

California  
Proposition  
65



**WARNING** This product can expose you to chemicals including ethanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 16. Other information, including date of preparation or last revision

Issue date 5/30/2017  
Revision date 2/18/2019  
Version # 1.1  
HMIS® ratings Health: 1  
Flammability: 0  
Physical hazard: 0

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings Health: 1  
Flammability: 0  
Instability: 0



**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified.

**Revision information** 2-19-2019 SAJ  
Update format  
Change eye damage category from 1 to 2A (raw SDS change reflected)  
Insert California Prop 65  
Insert HMIS and NFPA pictograms  
Revised text in all sections (data and terms updates)  
Physical descriptive updates



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