



# SAFETY DATA SHEET

## 1. Identification

<b>Product Identifier</b>	<b>Deluxe Pot &amp; Pan</b>
<b>Other means of identification</b>	
<b>Product code</b>	CU-5230
<b>Recommended use</b>	Manual dishwashing liquid.
<b>Recommended restrictions</b>	None.
<b>Manufacturer information</b>	
<b>Company name</b>	<b>Chemical Universe, Inc.</b>
<b>Address</b>	1133 Saline St North Kansas City, MO 64116
<b>Telephone</b>	(816) 471-3602
<b>Fax</b>	(816) 474-3302
<b>Emergency phone number</b>	PERS 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>	
<b>Prevention</b>	Wash hands and exposed skin thoroughly after handling. Wear protective gloves. Wear eye protection/face protection.
<b>Response</b>	<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.
<b>Storage</b>	No special provision
<b>Disposal</b>	No special provision
<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 lauryl ether sulfate	68585-34-2	3-10
Sodium dodecylbenzenesulfonate	25155-30-0	1-5
Cocamidopropyl betaine	61789-40-0	1-5
Other components below reportable levels		80-95

### 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.



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Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water 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 drainage paths and other 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 temperature 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**

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Suggested protective materials: Nitrile and PVC rubber.

**Other**

None.

**Respiratory protection**

Respiratory protection not required for prescribed use of this product

**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** Viscous Liquid

**Color** Blue

**Odor** Fresh, herbal

**Odor threshold** Not available.

**pH** 5-7

**Melting/freezing point** Not available.

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



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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.
Specific gravity (water=1)	1.07
Solubility in water	Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Decomposes on heating.
Viscosity	1500-2000 cP @ 77°F (25°C).

### 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 Deluxe Pot & Pan (CAS mixture)		
Exposure Classification	Route and Species	LD50
Acute	Oral, rat	>5,000 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.



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<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not considered a carcinogen.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not Listed
<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity – single exposure</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not considered an aspiration hazard.

## 12. Ecological information

Ecotoxicity		
Product Deluxe Pot & Pan (CAS mixture)		
Aquatic	Species	Test Threshold
Fish	Oncorhynchus mykiss	LC <sub>50</sub> (96-hr): 333 mg/L (estimated)
Crustacea	Daphnia magna	LC <sub>50</sub> (96-hr): 180 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

<b>Persistence and degradability</b>	Not available. Not expected to be persistent on an open environment
<b>Bio-accumulative potential</b>	Potential to bio-accumulate is low.
<b>Mobility in soil</b>	Not available. Chemicals of these classes are highly water soluble and will partition readily to water and weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
<b>Other adverse effects</b>	Not available. No other adverse environmental effects known ( <i>i.e. ozone depleting substance, tropospheric ozone precursor, greenhouse gas emission, endocrine disruptor or other deleterious environmental effect</i> )

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of in accordance with local regulations.
<b>Local disposal regulations</b>	None. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
<b>Waste from residues/unused product</b>	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).
<b>Contaminated packaging</b>	Empty containers should be rinsed with water and recycled.

## 14. Transport information

**DOT** Not regulated as dangerous goods.

## 15. Regulatory information

<b>US federal regulations</b>	
<b>SARA 302 Extremely hazardous substance</b>	Not listed.
<b>SARA 304 Emergency release notification</b>	Not listed.
<b>SARA 311/312 Hazard Categories</b>	
Immediate Hazard - Yes	
Delayed Hazard – No	
Fire Hazard – No	



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Pressure Hazard – No

Reactivity Hazard – No

**SARA 313 (TRI reporting)** Not listed.

**TSCA** – All chemical components used to manufacture this product comply with the Toxic Substances Control Act (TSCA) registry requirements and are either listed within, or exempted from, the current TSCA 8(b) inventory.

**California Proposition 65** **California Safe Drinking Water and Toxic Enforcement Act of 1986**  
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2019)

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

<b>Issue date</b>	12/30/2014		
<b>Revision date</b>	2/26/2019, 3/22/2020		
<b>Version #</b>	3		
<b>HMIS® ratings</b>	Health: 1 Flammability: 0 Physical hazard: 0	<b>NFPA ratings</b>	Health: 1 Flammability: 0 Instability: 0

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



**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 by the text.

**Revision information** General format update, Prop 65 statement; Update toxicology, PPE and environmental fate information; PPE notations; Composition chart update; Physical data update; miscellaneous text corrections; HMIS and NFPA pictograms inserted