

# SAFETY DATA SHEET



RETAIL ALL SURFACE FLOOR CLEANER

## Section 1. Chemical product and company identification

**Product name** : RETAIL ALL SURFACE FLOOR CLEANER  
**Recommended use and restrictions** : Floor Cleaner

Use only for the purpose on the product label.

**Product dilution information** : 0.75 oz/gal or 5.86 mL/L

**Supplier's information** : Kay Chemical Company  
8300 Capital Drive  
Greensboro NC 27409  
1-800-529-5458 (Customer Service)

**Code** : 915502-02

**Date of issue** : 07 Feb 2013

EMERGENCY HEALTH INFORMATION: 1-877-231-2615  
Outside United States and Canada CALL 0-952-853-1713

## Section 2. Hazards identification

**GHS Classification** : **Product AS SOLD**  
: SERIOUS EYE DAMAGE/ EYE IRRITATION -  
Category 2B  
AQUATIC TOXICITY (ACUTE) - Category 3

### GHS label elements

**Signal word** : Warning

**Hazard statements** : Causes eye irritation.  
Harmful to aquatic life.

### Precautionary statements

**Prevention** : Avoid release to the environment. Wash hands thoroughly after handling.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Not applicable.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards** : None known.

### **Product AT USE DILUTION**

Not classified.

No signal word.

No known significant effects or critical hazards.

If medical advice is needed, have product container or label at hand.

Get medical attention if symptoms appear.

Not applicable.

Not applicable.

None known.

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

**Product AS SOLD**

Hazardous ingredients	Concentration Range (%)	CAS number
TEA-DODECYLBENZENESULFONATE	10	27323-41-7
AMINOMETHYL PROPANOL	1 - 5	124-68-5
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	1 - 5	34398-01-1

**Product AT USE DILUTION**  
 Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

### Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
<b>Notes to physician</b>	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	

See toxicological information (section 11)

### Section 5. Fire-fighting measures

**Product AS SOLD**

- Suitable fire extinguishing media** : Use water spray, fog or foam.
- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 sulfur oxides
- Specific fire-fighting methods** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Use personal protective equipment as required. Do not touch or walk through spilled material.	Use personal protective equipment as required. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Absorb with an inert material. Use a water rinse for final clean-up.	Absorb with an inert material. Use a water rinse for final clean-up.

## Section 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
<b>Handling</b>	: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.	Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.  Store between the following temperatures: 0 and 50°C	Keep out of reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8. Exposure controls/personal protection

**Control parameters**

Ingredient name	Exposure limits
None.	

	Product AS SOLD	Product AT USE DILUTION
<b>Appropriate engineering controls</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Personal protection</b>		
<b>Eye protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Hand protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Skin protection</b>	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
<b>Respiratory protection</b>	: A respirator is not needed under normal and intended conditions of product use.	A respirator is not needed under normal and intended conditions of product use.
<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.	

## Section 9. Physical and chemical properties

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<b>Product AS SOLD</b>	
<b>Physical state</b>	: Liquid.
<b>Color</b>	: Orange [Light]
<b>Odor</b>	: citrus
<b>pH</b>	: 10.7 (100%)
<b>Flash point</b>	: > 100°C Product does not support combustion.
<b>Explosion limits</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: >100°C (>212°F)
<b>Evaporation rate (butyl acetate = 1)</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 1.006 to 1.026 (Water = 1)
<b>Solubility</b>	: Easily soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Odor threshold</b>	: Not available.
<b>Viscosity</b>	: Not available.

<b>Product AT USE DILUTION</b>
Liquid.
Clear [Light]
citrus
10.7
> 100°C

## Section 10. Stability and reactivity

<b>Product AS SOLD</b>	
<b>Stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Materials to avoid</b>	: Slightly reactive or incompatible with the following materials: acids.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

**Route of exposure** : Skin contact, Eye contact, Inhalation, Ingestion

<b>Product AS SOLD</b>	
<u>Symptoms</u>	
<b>Eye contact</b>	: Adverse symptoms may include the following: irritation watering redness
<b>Skin contact</b>	: No specific data.
<b>Inhalation</b>	: No specific data.
<b>Ingestion</b>	: No specific data.

<b>Product AT USE DILUTION</b>
No specific data.
No specific data.
No specific data.
No specific data.

## Section 11. Toxicological information

### Acute toxicity

**Eye contact** : Causes eye irritation.

**Skin contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

### Toxicity data

Product/ingredient name	Result	Species	Dose
2-amino-2-methylpropanol	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	2900 mg/kg
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-. omega.-hydroxy-	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	1700 mg/kg

### Chronic toxicity

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

### Product AS SOLD

**Ecotoxicity** : This material is harmful to aquatic life.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
2-amino-2-methylpropanol	Acute LC50 184 mg/l	Fish	96 hours
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-. omega.-hydroxy-	Acute LC50 3.2 mg/l	Fish	96 hours

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### Product AS SOLD

**Disposal methods** : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.

### Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### DOT

DOT Classification : Not regulated.

### IMO/IMDG

IMO/IMDG Classification : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

## Section 14. Transport information

**Product AT USE DILUTION**  
 Not intended for transport.

## Section 15. Regulatory information

Product AS SOLD

**U.S. Federal regulations**

TSCA 8(b) inventory : All components are listed or exempted.  
 SARA 302/304/311/312 extremely hazardous substances: No listed substance  
 SARA 302/304 emergency planning and notification: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements	: No listed substance		

California Prop. 65 : No listed substance

## Section 16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.) :

Health	1
Flammability	0
Physical hazards	0

National Fire Protection Association (U.S.A.) :



Product AT USE DILUTION

Health	0
Flammability	0
Physical hazards	0



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 1-800-352-5326

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.