

Material Safety Data Sheet

LIQUID DISINFECTANT CLEANSER



1. Product and company identification

Trade name of product : LIQUID DISINFECTANT CLEANSER

Product use : disinfectant

Product dilution information : Not applicable

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

Code : 913654-01

Date of issue : 09-November-2011

EPA Registration No. : 5389-13

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

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION !

MAY CAUSE EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Product AT USE DILUTION

Product is sold ready to use.

Potential acute health effects

Product AS SOLD

Eyes : Moderately irritating to eyes.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

Product AT USE DILUTION

Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ALUMINA	1344-28-1	20
calcium hypochlorite	7778-54-3	0.65
SODIUM CARBONATE	497-19-8	5 - 20
ARGILLA	12199-37-0	1 - 5

Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

4. First aid measures

Product AS SOLD	
Eye contact	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists.
Inhalation	: No special measures required. Treat symptomatically.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Product AT USE DILUTION
Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

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.

6. Accidental release measures

Product AS SOLD	
Personal precautions	: Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	: Use a water rinse for final clean-up.

Product AT USE DILUTION
Product is sold ready to use.

7. Handling and storage

Product AS SOLD	
Handling	: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 40°C

Product AT USE DILUTION
Product is sold ready to use.

8. Exposure controls/personal protection

	Product AS SOLD
Engineering measures	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection	
Eyes	: No protective equipment is needed under normal use conditions.
Hands	: No protective equipment is needed under normal use conditions.
Skin	: No protective equipment is needed under normal use conditions.
Respiratory	: No special protection is required.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

Ingredient	Exposure limits
ALUMINA	NIOSH REL (United States, 6/2009). TWA: 5 mg/m ³ , (as Al) 10 hour(s). Form: PYRO POWDERS AND WELDING FUMES OSHA PEL (United States, 6/2010). TWA: 5 mg/m ³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m ³ 8 hour(s). Form: Total dust

9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid.
Flash point	: > 100°C Product does not support combustion.
Color	: White [Light]
Odor	: Fragrance-like
pH	: 11.8 to 12.4 [Conc. (% w/w): 100%]
Relative density	: 1.15 to 1.35

Product AT USE DILUTION

Product is sold ready to use.

10. Stability and reactivity

Product AS SOLD

Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Reactivity	: Extremely reactive or incompatible with the following materials: acids. Slightly reactive or incompatible with the following materials: metals.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

	Product AS SOLD
Eyes	: Moderately irritating to eyes.
Skin	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

Product AS SOLD

Other adverse effects

11. Toxicological information

Contains material which may cause damage to the following organs: lungs, upper respiratory tract.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD
Waste disposal : Diluted product can be flushed to sanitary sewer.
 Discard empty container in trash.

Product AT USE DILUTION
 Product is sold ready to use.

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.

Product AS SOLD
DOT Classification : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD
HCS Classification : Irritating material
 Target organ effects

Product AT USE DILUTION
 Product is sold ready to use.

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

EPA Registration No. : 5389-13

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	: aluminium oxide	1344-28-1	20.463

California Prop. 65 : No listed substance

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.) :

16. Other information



Date of issue : 09-November-2011

Responsible name : Regulatory Affairs
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

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.**