

SAFETY DATA SHEET

EFFLUENT CARE 6780A

Section 1. Chemical product and company identification

Product name : EFFLUENT CARE 6780A

Recommended use and restrictions : Water Treatment

Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Water Care Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-75-WATER

Code : 913902-01

Date of issue : **06 Dec 2013**

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
FLAMMABLE LIQUIDS - Category 4
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
ASPIRATION HAZARD - Category 1

GHS label elements

Signal word : Danger

Symbol : 

Hazard statements : Combustible liquid.
Causes eye irritation.
May be fatal if swallowed and enters airways.
May cause drowsiness and dizziness.

Precautionary statements

Prevention : Keep away from flames and hot surfaces. - No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.

Response : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several

Product AT USE DILUTION

Product is sold ready to use.

Section 2. Hazards identification

	minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.	
Storage	: Store in a well-ventilated place. Keep cool.	
Disposal	: See section 13 for waste disposal information.	
Other hazards	: None known.	

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
distillates (petroleum), hydrotreated light	20 - 50	64742-47-8
alcohols, c12-14, ethoxylated	1 - 5	68439-50-9
alcohols, c10-16, ethoxylated	1 - 5	68002-97-1

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	Product is sold ready to use.
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.	
Ingestion	: Get medical attention immediately. Do not induce vomiting.	
Protection of first-aiders	: 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.	
Notes to physician	: 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	: Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. 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

Section 5. Fire-fighting measures

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
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
Personal precautions	: Eliminate all ignition sources. Use personal protective equipment as required. Do not touch or walk through spilled material.	Product is sold ready to use.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
Methods for cleaning up	: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.	

Section 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Use only with adequate ventilation. Wash thoroughly after handling.	Product is sold ready to use.
Storage	: Keep out of reach of children. Keep container tightly closed. Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Store in a segregated and approved area. Store between the following temperatures: 0 and 50°C	

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
distillates (petroleum), hydrotreated light	ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.

Section 8. Exposure controls/personal protection

Product AS SOLD		Product AT USE DILUTION
Appropriate engineering controls	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.	Product is sold ready to use.
Personal protection		
Eye protection	: No protective equipment is needed under normal use conditions.	
Hand protection	: No protective equipment is needed under normal use conditions.	
Skin protection	: No protective equipment is needed under normal use conditions.	
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use.	
Hygiene measures	: 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

Product AS SOLD		Product AT USE DILUTION
Physical state	: Emulsion	Product is sold ready to use.
Color	: Gray [Light]	
Odor	: Ammoniacal	
pH	: 6 to 8 (100%)	
Flash point	: 93 °C (Closed cup) Product does not support combustion.	
Explosion limits	: Not available.	
Flammability (solid, gas)	: Not available.	
Melting point	: Not available.	
Boiling point	: >100°C (>212°F)	
Evaporation rate (butyl acetate = 1)	: Not available.	
Vapor pressure	: Not available.	
Vapor density	: Not available.	
Relative density	: 0.9 to 0.9 (Water = 1)	
Solubility	: Very slightly soluble in the following materials: cold water and hot water.	
Partition coefficient: n-octanol/water	: Not available.	
Auto-ignition temperature	: Not available.	
Decomposition temperature	: Not available.	
Odor threshold	: Not available.	

Section 9. Physical and chemical properties

Viscosity : Kinematic (room temperature): 0 cm²/s (0 cSt)

Section 10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Not available.

Hazardous decomposition products : 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

Product AS SOLD

Symptoms

Eye contact : Adverse symptoms may include the following:
irritation
watering
redness

Skin contact : No specific data.

Inhalation : Adverse symptoms may include the following:
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
unconsciousness

Ingestion : Adverse symptoms may include the following:
nausea or vomiting

Acute toxicity

Eye contact : Causes eye irritation.

Skin contact : No known significant effects or critical hazards.

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.

Ingestion : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

Product AT USE DILUTION

Product is sold ready to use.

Toxicity data

Product/ingredient name

distillates (petroleum), hydrotreated light	LC50 Inhalation	Rat	>5.68 mg/l
	Dusts and mists		
	LD50 Dermal	Rabbit	>2000 mg/kg
alcohols, c12-14, ethoxylated	LD50 Oral	Rat	>5000 mg/kg
	LC50 Inhalation	Rat	>1.6 mg/l
	Dusts and mists		
alcohols, c10-16, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg
	LC50 Inhalation	Rat	>50 mg/l
	Dusts and mists		
	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	>1000 mg/kg

Section 11. Toxicological information

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	: Water polluting material. May be harmful to the environment if released in large quantities. This material is very toxic to aquatic life. This material is harmful to aquatic life with long lasting effects.
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Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
distillates (petroleum), hydrotreated light	Chronic LC50 >1 mg/l	Fish	96 hours
alcohols, c12-14, ethoxylated	Acute EC50 0.8 mg/l	Algae	72 hours
alcohols, c10-16, ethoxylated	Acute EC50 >0.1 mg/l	Daphnia	48 hours

Other adverse effects	: No known significant effects or critical hazards.
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Section 13. Disposal considerations

Product AS SOLD	
Disposal methods	: Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Product AT USE DILUTION

Product is sold ready to use.

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.
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IMO/IMDG

IMO/IMDG Classification	Not regulated.
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For transport in bulk, see shipping documents for specific transportation 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>
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Section 15. Regulatory information

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		1
Physical hazards		0

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



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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.