



## SAFE-T-GARD

### 1 Identification

#### GHS Product Identifier

SAFE-T-GARD

EPA REG NO 1839-220-97176

#### Other means of identification

Item Numbers: 11-073, 11-074, 11-075, 11-078

#### Recommended use of the chemical and restriction on use

Disinfectant / Cleaner

#### Supplier's details

Mark V Products 400 El Sobrante Road Corona, CA 92879 (800) 877-6282 www.mark-v.com

#### Emergency phone number

Chemtrec (800) 424-9300

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Serious eye damage/eye irritation — category 2a

Hazardous to the aquatic environment - acute hazard — category 2.

#### GHS label elements

Warning



Hazard statement(s)

H320

Causes eye irritation

H401

Toxic to aquatic life

H411

Toxic to aquatic life with long lasting effects

Precautionary statement(s)

General

P102

Keep out of reach of children.

P103

Read label before use.

Prevention

P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
Response	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	IF eye irritation persists: Get medical advice/attention.
Storage	
P402+P404	Store in a dry place. Store in a closed container.
Disposal	
P501	Dispose of contents/container to recycling center

### 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Tetra sodium ethylenediamine tetra acetic acid	64-02-8		1 - 3	
_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0		0 - 0.15	
_alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5		0 - 0.15	

### 4 First-aid measures

#### Description of necessary first-aid measures

<b>Inhalation:</b>	Move victim to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.
<b>Skin:</b>	Wash with soap and water. Remove contaminated clothing and wash before re-use. Get medical attention if irritation develops and persists.
<b>Eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing with water. Seek medical attention if irritation develops and persists.
<b>Ingestion:</b>	Rinse Mouth. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Exposed individuals may experience eye tearing, redness, and discomfort.

#### Indication of immediate medical attention and special treatment needed, if necessary

If the product is ingested, probably mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

### 5 Fire-fighting measures

#### Suitable extinguishing media

Water fog, Foam. Dry Chemical powder. Carbon dioxide (CO<sub>2</sub>).

#### Specific hazards arising from the chemical

During fire, gasses hazardous to health may be formed.

#### Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Isolate area.

### **Environmental precautions**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### **Methods and materials for containment and cleaning up**

Prevent entry into waterways, sewers, basements or confined areas. Prevent product from entering drains.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## **7 Handling and storage**

### **Precautions for safe handling**

Avoid contact with eyes, skin, and clothing. When using do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Wash vapors or mists of this product.

### **Conditions for safe storage, including any incompatibilities**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Store in original tightly closed container.

## **8 Exposure controls/personal protection**

### **Control parameters**

No biological exposure limits noted for the ingredient(s).

### **Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

### **Individual protection measures**

Wear safety glasses with side shields (or goggles).

Wear protective gloves (nitrile or rubber)

Wear suitable protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Physical Form:</b>	Liquid	<b>Appearance:</b>	Thick, pink liquid
<b>Color:</b>	Orange	<b>Odor:</b>	Watermelon
<b>Taste:</b>	Soap	<b>SG:</b>	1.00 - 1.01
<b>pH:</b>	11.9	<b>Flash pt:</b>	> 213° F
<b>Water Solubility:</b>	100%		

## 10 Stability and reactivity

### Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### Chemical stability

Material is stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### Incompatible materials

Strong acids, alkalies and oxidizing agents.

### Hazardous decomposition products

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

## 11 Toxicological information

### Information on the likely routes of exposure

<b>Inhalation:</b>	Prolonged inhalation may be harmful.
<b>Skin Contact:</b>	Causes mild skin irritation.
<b>Eye Contact:</b>	Causes eye irritation.
<b>Ingestion:</b>	Expected to be a low ingestion hazard.

### Symptoms related to the physical, chemical and toxicological characteristics

Exposed individuals may experience eye tearing, redness, and discomfort.

### Mixtures

**Germ Cell Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

**Carcinogenicity:**

**IARC Monographs. Overall Evaluation of Carcinogenicity.**

Not Listed

**OSHA Specifically Regulated Substances (29 CFR 1910.1001.1052).**

Not Reglated

**US. National Toxicology Program (NTP) Report on Carcinogens.**

Not Listed

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.

## 12 Ecological information

### Toxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

### Persistence and degradability

No data is available on the degradability of this product.

### Mobility in soil

No data available.

### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13 Disposal considerations

### Disposal methods

**CONTAINER DISPOSAL.** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**PESTICIDE DISPOSAL.** Pesticide wastes are acutely hazardous, Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

## 14 Transport information

### Ground

Un Number:

Class:

Packing group:

Proper shipping name:

Not Regulated

### Air

Un Number:

Class:

Packing group:

Proper shipping name:

Not Regulated

**Ocean**

Un Number:

Class:

Packing group:

Proper shipping name:

Not Regulated

**15 Regulatory information****Safety, health and environmental regulations specific for the product in question****US Federal Regulations.** This product is a U.S. EPA registered pesticide.

This product is a "Hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substances Control Act (TSCA)**

Not Regulated

**CERCLA Hazardous Substance List (40 CFR 707, Subpt. D)**

Not Listed.

**SARA 304 Emergency release notification**

Not Regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Sara 302 Extremely hazardous substance**

Not Listed

**SARA 311/312 Hazardous Chemical**

Yes

**Classified hazard category:**

Serious eye damage or eye irritation

**Sara 313 (TRI Reporting)**

Not Regulated

**California Proposition 65****WARNING:** This product can expose you to chemicals including Acetaldehyd, which is known to the State of California to cause cancer, and Ethylene Glycol, 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)**California Proposition 65 CRT: Listed date/Carcinogenic substance**

Acetaldehyde (CAS 75-07-0)

Listed: April 1, 1988

**Caifornia Propositon 65 CRT: Listed date/Developmental toxin**

Ethylene Glycol (CAS 107-21-1)

Listed: June 19, 2015

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Exisitng Commercial Chemical Substances (EINECS)	No
Europe	European List of notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand inventory (NZIoC)	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Inventory (TCSI)	No

\* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16 Other information

### Other information

Dated: April 27, 2021

## 17 Exposure scenarios