



**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

- Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.
- Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	None
<b>Appearance</b>	Green liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Green		

  

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	~7	
<b>Melting point / freezing point</b>	0 °C / 32 °F	
<b>Boiling point / boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	>93 °C / >199.4 °F	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not determined	
<b>Lower flammability or explosive limits</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Not determined	
<b>Relative Density</b>	1.00	
<b>Water Solubility</b>	Not determined	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>VOC%:</b>	<0.1	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

**10. STABILITY AND REACTIVITY**

**Reactivity**  
Not reactive under normal conditions.

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of hazardous reactions**  
None under normal processing.

**Conditions to Avoid**  
Keep out of reach of children.

**Incompatible materials**  
None known based on information supplied.

**Hazardous decomposition products**  
None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

### Component Information

Not available

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

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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### Numerical measures of toxicity

Not determined.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	Not determined	Not determined	Not determined	Not determined

Issue Date: 18-Dec-2018  
 Revision Date: 23-Oct-19  
 Revision Note: Added VOC content percentage

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 relates 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 in the text.

**End of Safety Data Sheet**

ADDITIONAL PRODUCT INFORMATION DISCLOSURE

De-Bug +32*	6/9/2020	Raw Material	Functional Purpose	List of Concern	Links to Lists of Concern
CAS# 7732-18-5	Water			EU CMR EU Respiratory Sensitizers	<a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
68439-46-3	G9-11 Alcohol ethoxylate		Surfactant/Detergent	EU Respiratory Sensitizers EU CMR	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
61791-10-4	Quaternary coco alkylamine ethoxyls	Surfactant/Detergent		EU CMR EU Respiratory Sensitizers	<a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
56-81-5	Glycerin	Surfactant/Detergent		EU Respiratory Sensitizers IARC Carcinogens EU Respiratory Sensitizers	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
61789-77-3	Quaternary Ammonium Compounds	Emulsifier		EU Respiratory Sensitizers IARC Carcinogens EU Respiratory Sensitizers	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
67-63-0	Propanol, 2-	Emulsifier		EU CMR	<a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
56-81-5	Propanetriol, 1,2,3-	Emulsifier		EU CMR	<a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
64742-46-7	Distillates (petroleum) hydrotreated	Water Repellent		EU CMR EU Respiratory Sensitizers IARC Carcinogens Iris Neurotoxics EU Respiratory Sensitizers	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
111-76-2	Ethylene Glycol Monobutyl Ether	Emulsifier		EU Fragrance Allergens EU CMR EU Respiratory Sensitizers	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
52-51-7	Bronopol	Preservative		EU PBTS	<a href="https://echa.europa.eu/search-for-chemicals?database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/search-for-chemicals?database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
7631-99-4	Sodium nitrate	Preservative		EU Respiratory Sensitizers EU Fragrance Allergens EU CMR EU PBTS	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
26172-55-4	5-Chloro-2-methyl-4-isothiazolin-3-one	Preservative		EU Fragrance Allergens EU CMR EU Respiratory Sensitizers EU PBTS	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a> <a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
2682-20-4	2-Methyl-4-isothiazolin-3-one	Preservative		EU Fragrance Allergens EU CMR	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a> <a href="https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en">https://echa.europa.eu/growth/sectors/cosmetics/products/cm-substances_en</a>
3734-33-6	Dianthionum Benzate (Btrex)	Bittering Agent		EU CMR	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
57-55-6	Propylene Glycol	Bittering Agent		EU CMR	<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
*1115323	185015 Liquid Bright Blue HP	Dye/colorant			<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>
*1115312	181021 Liquid Bright Yellow	Dye/colorant			<a href="https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2">https://echa.europa.eu/formation-chemicals/ci-inventory-database?p_d_id=dissinventory_WAR_dissinventoryportlet&amp;p_lifecycle=0&amp;p_state=normal&amp;p_mode=view&amp;p_col_id=column-1&amp;p_col_pos=1&amp;p_col_count=2</a>

\*WARNINGS NUMBER