

## SAFETY DATA SHEET: ELIMINATE

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 APPLICABLE PART #: PC22011GL, PC22011QT, PC2201275GL, PC22015GL, PC22015GL

1.2 IDENTITY: ELIMINATE

1.3 INTENDED USE: CLEANING COMPOUND

1.4 SUPPLIER: Universal Photonics, Inc.  
85 Jetson Lane  
Central Islip, NY 11722

FOR INFORMATION CALL

CUSTOMER SERVICE: (516) 935-4000

DATE PREPARED: December 27, 2021

1.5 EMERGENCY CONTACT:

Verisk 3E™ - ACCT # 3665

Access Code: 333748

EMERGENCY TELEPHONE NUMBER:

Domestic: 1-866-519-4752

International: +1-760-602-8700

### SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE: SKIN IRRITATION 2; EYE IRRITATION 2A; ACUTE TOXICITY 4 (ORAL);  
RESPIRATORY STOT SE3.

2.2 GHS LABEL ELEMENTS:



HAZARD PICTOGRAMS:

HAZARD SYMBOLS:

GHS07

SIGNAL WORD:

WARNING.

HAZARD STATEMENTS:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

PREVENTION PRECAUTIONARY  
STATEMENTS:

P261: Avoid breathing dust / fumes / mist / vapors / spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing / eye protection.

Wear protective gloves. Wear eye protection to include splash goggles.

Wear protective clothing. Use with ventilation. Wash hands after handling.

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RESPONSE PRECAUTIONARY:  
 STATEMENTS:

**P302 + P352: IF ON SKIN: Wash with plenty of water.**

**P305 + P351 + P338 + P315: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get immediate medical advice/attention.**

**P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.**

**P301 + P331 + P315: IF SWALLOWED: DO NOT induce vomiting. Get immediate medical advice / attention.**

**In the event of skin, eye, respiratory contact or ingestion, seek medical attention immediately.**

STORAGE PRECAUTIONARY  
 STATEMENTS:

**P405: Store in a locked container.**

DISPOSAL PRECAUTIONARY  
 STATEMENT:

**P501: Dispose of contents / container in accordance with local / regional / national / international regulations.**

2.3 HAZARDS NOT OTHERWISE  
 CLASSIFIED:

**None known.**

2.4 UNKNOWN ACUTE TOXICITY:

**None known.**

### SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

#### 3.1 INGREDIENTS:

COMPONENTS	IDENTIFIER #	CLASSIFICATION	WEIGHT %
DISODIUM METASILICATE	(CAS #) 6834-92-0 (EC #) 229-912-9	METAL CORROSION 1B: H290; SKIN CORROSION 1B: H314; EYE DAMAGE 1: H318; STOT SE3 (RESPIRATORY): H335	1.0

### SECTION 4: FIRST AID MEASURES

#### 4.1 DESCRIPTION OF FIRST AID MEASURES:

- SKIN:** Remove soiled clothing and flush with soap and water.
- EYES:** Flush with water for 20 minutes and remove contact lenses if safe to do. Immediately seek medical attention.
- INHALATION:** Administer fresh air or oxygen.
- INGESTION:** **DO NOT** induce vomiting. Immediately seek medical attention. If vomiting does occur, keep head low so that vomit does not enter the lungs. Maintain an open airway.

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### 4.2 MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

SKIN CONTACT:	Will cause dryness, irritation, and defatting.
EYE CONTACT:	Will cause serious eye irritation upon direct contact.
INHALATION:	Breathing concentrations of sprayed mists will irritate nose and throat.
INGESTION:	Will cause serious gastric disturbances.
CHRONIC:	None known.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Immediately contact physician for further medical advice.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA:	Water spray, alcohol resistant foam, dry chemical, CO <sub>2</sub> .
UNSUITABLE EXTINGUISHING MEDIA:	None.

### 5.2 SPECIFIC HAZARDS ARISING FROM THE MIXTURE:

FIRE HAZARD:	None.
EXPLOSION HAZARD:	None.
REACTIVITY:	None.
EXPOSURE HAZARDS:	Oxides of carbon, nitrogen.
UNUSUAL FIRE/EXPLOSION HAZARD:	None known.

### 5.3 SPECIAL PROTECTIVE EQUIPMENT: Wear full protective safety equipment (PPE's) as standard practice. In the event of fire, wear self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

NON-EMERGENCY PERSONNEL:	Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Do not walk through spilled material. Provide ventilation with sufficient face velocity to maintain PEL below standard. Supplement with appropriate organic vapor & dust respirator when ventilation is inadequate.
EMERGENCY RESPONDERS:	Take note of any special instructions in Section 8.

### 6.2 ENVIRONMENTAL PRECAUTIONS: Do not introduce material directly into natural waterways such as rivers, lakes, streams, etc. or drains and sewers.

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### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP:

**SMALL SPILL:** Stop spill if safe to do so. Wear all appropriate PPE. Sweep up all dust residues and dispose in proper chemical waste container or to approved waste treatment areas or dispose to a licensed waste disposal contractor. Prevent spills from entering all open waterways.

**LARGE SPILL:** Stop spill if safe to do so. Approach release from upwind. Prevent entry into sewers or natural waterways. Contain and collect with inert absorbent material and place in container for disposal according to local regulations (See Section 13). Dispose via a licensed waste disposal contractor.

**6.4 REFERENCE TO OTHER SECTIONS:** See Section 8, Exposure Controls and Personal Protection.

### SECTION 7: HANDLING AND STORAGE

**7.1 PRECAUTIONS FOR SAFE HANDLING:** Minimize exposure to vapors or dusts. Use recognized standard safety practices to include adequate ventilation. Handle with care to avoid contact. Wash with soap & water after handling. Use recognized standard safety practices. Provide sufficient air exchange and exhaust in work areas. Eyewash station should be in close proximity to work

**7.2 CONDITIONS FOR SAFE STORAGE:** When not in use, keep closure on container tightly closed. Store indoors. Keep away from heat and freezing conditions.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS:

OCCUPATIONAL EXPOSURE LIMITS: **FOR INGREDIENTS:**

COMPONENTS	COMPONENT IDENTIFIERS	WORKPLACE EXPOSURE LIMIT (WEL)				SUPPLEMENTAL EXPOSURE LIMIT VALUES	BASIS
		LTEL		STEL			
		PPM	MG/M3	PPM	MG/M3		
DISODIUM METASILICATE	(CAS #) 6834-92-0 (EC #) 229-912-9	----	----	----	----	2 MG/M3 TWA  2 MG/M3 (CEILING)	OSHA (AS SODIUM HYDROXIDE)  ACGIH

#### 8.2 EXPOSURE CONTROLS:

**CONTROL PARAMETERS:** General ventilation with adequate face velocity to control worker exposure to airborne contaminants below PEL. Supplement with NIOSH approved organic vapor cartridge respirator. Insure that emergency eyewash stations are in the immediate vicinity of any potential exposure.

**ENGINEERING CONTROLS:** If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust or other engineering controls to keep worker exposure below any recommended or statutory limits.

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### PERSONAL PROTECTIVE CONTROLS:

#### HYGIENE MEASURES:

Wash hands, forearms and face thoroughly after handling product. Remove contaminated clothing and wash before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### SKIN PROTECTION:

Chemical-resistant, impervious gloves are recommended if exposure is prolonged—neoprene type. Inspect gloves on a routine basis for retention of properties. Personal protective clothing for the body should be selected based upon the task being performed.

#### EYES:

Avoid eye contact. Protective safety eyewear goggles are recommended to avoid exposure to liquid splashes, mists, and dusts or when working on overhead structures if direct contact is evident. Face shield is also recommended if splashing is evident.

#### RESPIRATORY:

Should vapors exceed permissible exposure limit (PEL), wear NIOSH-approved dust and organic vapor respirator.

### 8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid.
COLOR	Dark brown.
ODOR:	Slight.
ODOR THRESHOLD	Not determined
PH	11.8 – 12.5 at 25 °C
SOLUBILITY:	Soluble
FLASH POINT:	None.
LOWER FLAMMABLE LIMIT	Not determined.
UPPER FLAMMABLE LIMIT	Not determined.
AUTOIGNITION TEMPERATURE	Not determined.
DECOMPOSITION TEMPERATURE	Not determined.
FLAMMABILITY:	Not applicable.
SPECIFIC GRAVITY:	1.02 at 25° C.

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BOILING POINT (°F):	100 °C. / 212 °F.
VAPOR PRESSURE:	18 mm Hg at 20° C.
VAPOR DENSITY:	Greater than 1 (Air = 1).
MELTING POINT (°F):	Not applicable.
FREEZING POINT	Not determined.
EVAPORATION RATE:	Less than 1 (Butyl Acetate = 1).
VISCOSITY:	Not determined.
PARTITION COEFFICIENT N-OCTANOL / WATER:	Not Determined.

### SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY:	None.
10.2 CHEMICAL STABILITY:	Stable.
10.3 HAZARDOUS REACTIONS:	None.
HAZARDOUS POLYMERIZATION:	None.
10.4 CONDITIONS TO AVOID:	None.
10.5 INCOMPATIBLE MATERIALS:	Strong acid, alkali, oxidizing agents, bases.
10.6 HAZARDOUS DECOMPOSITION OF PRODUCTS:	Oxides of carbon and nitrogen.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS: FOR INGREDIENTS:

DISODIUM METASILICATE (CAS #6834-92-0)	
LD50 Oral Rat	1,152 – 1,349 mg/kg
LD50 Dermal Rabbit	SKIN CORROSION: 4 Hr.
LC50 Inhalation Rat	NO DATA

#### ACUTE TOXICITY: FOR PRODUCT

ACUTE TOXICITY:	HARMFUL IF SWALLOWED
SKIN CORROSION / IRRITATION:	WILL CAUSE IRRITATION
SERIOUS EYE DAMAGE / IRRITATION:	WILL CAUSE SERIOUS IRRITATION
RESPIRATORY OR SKIN SENSITISATION:	NO KNOWN EFFECT
GERM CELL MUTAGENICITY:	NO KNOWN EFFECT
CARCINOGENICITY:	NO KNOWN EFFECT
REPRODUCTIVE TOXICITY:	NO KNOWN EFFECT

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SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:	MAY CAUSE IRRITATION (INHALATION)
SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:	NO KNOWN EFFECT
ASPIRATION HAZARD:	NO KNOWN EFFECT

11.2 POTENTIAL ACUTE HEALTH EFFECTS:

SKIN: Irritation and redness during prolonged contact.  
 EYES: Will cause severe eye irritation upon direct contact.  
 RESPIRATORY: Will irritate nose and throat when breathing concentration of vapors.  
 INGESTION: Will cause serious gastric disturbances.

SYMPTOMS AFTER CONTACT:

SKIN: Irritation, dryness, redness.  
 EYES: Pain, watering, burning upon prolonged contact.  
 RESPIRATORY: Irritation, asthmatic systems, dizziness.  
 INGESTION: Stomach pain, gastric disturbances.

11.3 CHRONIC HEALTH EFFECTS: None known.

11.4 CARCINOGENICITY:

NTP: No component is present at levels greater than or equal to 0.1% is identified as a carcinogen by NTP.  
 IARC: No component is present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC.  
 OSHA: No component is present at levels greater than or equal to 0.1% is identified as a carcinogen by OSHA.

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 TOXICITY: INFORMATION FOR INGREDIENTS:

DISODIUM METASILICATE (CAS #6834-92-0)	
LC50 Brachydanio rerio	210 mg/L, 96 hr.
EC50 Daphnia magna	NO DATA

12.2 PERSISTENCE AND DEGRADABILITY: Not determined.  
 12.3 BIOACCUMULATIVE POTENTIAL: Not determined.  
 12.4 MOBILITY IN SOIL: Not determined.  
 12.5 RESULTS OF PBT and vPvB ASSESSMENT: Not determined.

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No known or other significant effects or critical hazards.

12.6 OTHER ADVERSE EFFECTS:

**SECTION 13: DISPOSAL INFORMATION**

13.1 WASTE TREATMENT METHODS:

For small spills, contain all residues with inert absorbent material and dispose in chemical recycle container. For large spills, stop leak if safe to do so. Approach release from upwind. Dyke or dam area and vacuum all wet areas for recycle by a licensed waste disposal contractor. Avoid contact with soil, waterways, drains, and sewers unless such drains and sewers are fully compliant with the requirements of all authorities for disposal. Consult all federal, state, and local regulatory authorities for proper disposal.

**SECTION 14: TRANSPORTATION INFORMATION**

REGULATORY INFORMATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PACKING GROUP	LABEL	ADDITIONAL INFORMATION
DOT CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
TDG CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
ADR/RID CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IMDG CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IATA/ICAO CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE

**SECTION 15: REGULATORY INFORMATION**

15.1 U.S. FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD:

Non-regulated.

TSCA:

All ingredients are listed on the TSCA inventory.

SARA (302/304):

No reportable or EHS quantities.

SARA (311/312):

Acute health hazard.

SARA TITLE III (313):

This product contains the following chemicals subject to the reporting requirements of Section 313: None

OTHER REGULATORY STANDARDS:

Non-regulated per 29 CFR 1900.1000 - 1500, 40 CFR PART 261.3, 302.4, 355, 370, 372.

15.2 STATE REGULATIONS:

**CALIFORNIA PROPOSITION 65:** This product contains the following chemicals known by the state of California to cause cancer, birth defects, or any other reproductive harm: NONE.



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15.3 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

U.S. OSHA 29CFR 1910.1000 - 1500

REGULATION (EC) 1907/2006 – REACH (ANNEX X1V)

EC REGULATIONS 1272/2008 – CLP

EH40 / 2005 – WORKPLACE EXPOSURE LIMITS (WHERE APPLICABLE)

CONTROL OF SUBSTANCE HAZARDOUS TO HEALTH – COSHH

DANGEROUS SUBSTANCES AND EXPLOSIVE ATMOSPHERE REGULATIONS - DSEAR

REGULATION (EC) – REACH ANNEX (XIV) ARTICLE 59(10) AUTHORIZATIONS AND / OR RESTRICTIONS ON USE:

**Contains the following REACH (SVHC) Candidate Substances: NONE.**

REGULATION (EC) 2015/863 – RoHS

**Contains the following RoHS Substances: NONE**

NATIONAL REGULATIONS: **Non-regulated per EINECS / ELINCS / DSL / NDSL / IECSC / ENS / ECL / PICCS.**

### SECTION 16: OTHER INFORMATION

HMIS RATING: Health 2, Flammability 0, Reactivity 0, Personal Protection: N,P,R.  
NFPA RATING: Health 2, Flammability 0, Reactivity 0



FULL TEXT OF H-STATEMENTS AS MENTIONED IN SECTION 2 AND SECTION 3:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H290: METAL CORROSION 1B

H314: SKIN CORROSION 1B

H318: EYE DAMAGE 1

#### DEFINITIONS:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR/RID: International carriage of dangerous goods by road or rail

CLP: Classification, Labeling and packaging

DOT: Department of Transportation

EC: Commission Regulation (European Union)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HAPS: Hazardous Air Pollutants

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer



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### DEFINITIONS (CONTINUED):

IATA/ICAO:	International Air Transport Association / International Civil Aviation Organization
IMDG:	International Maritime Dangerous Goods
LTEL:	Long Term Exposure Limit
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNOR:	Particles Not Otherwise Regulated
REACH:	Registration, Evaluation, Authorization and Restriction of Chemicals (European Union)
SARA:	Superfund Amendments and Reauthorization Act
STEL:	Short Term Exposure Limit
SVHC:	Substances of Very High Concern (European Union)
TDG:	Transportation of dangerous goods – Canada
TSCA:	Toxic Substance Control Act
WEL:	Workplace Exposure Limit

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VERSION #5.0

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