



SAFETY DATA SHEET

In Accordance with 29 CFR 1910

Revision Date 5-27-2022

1 Identification of the Substance/Mixture and Company

Product Name: Neutralex®

Product Code: 4047,4048,4049

Product Description: Formaldehyde, OPA, or Glutaraldehyde: Neutralizer for Laboratory, Research, or Manufacturing.

Product Certification: Certified by the EPA of California as a hazardous waste treatment technology per the Health and Safety code for down the drain disposal of formaldehyde waste.

Manufacturer:

Scigen Inc.
7041 Marcelle ST
Paramount, CA90723
USA
(310) 324-6576

Emergency Telephone Number: (800) 424-9306 (Chemtrec)

2 Hazards Identification

Classification of the substance or mixture



GHS07

Skin Irrit. 2 Causes mild skin irritation.
Causes eye irritation.

Classification according to Directive 1272/EC



Xi; Irritant

R36/38: Irritating to eyes and skin.

Information concerning particular hazards for human and environment: Not applicable.

Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

Signal word: Warning

Hazard statements

Causes skin irritation.

Causes eye irritation.

Precautionary statements

Wash Skin after handling.

Wear eye protection.

If in the eyes: Rinse thoroughly with water for several minutes. If present, remove contact lenses.

Read the label before use.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Specific treatment

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Classification system:**NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 0

Reactivity = 1

HMIS-ratings (scale 0 - 4)

Health = 1

Fire = 0

Reactivity = 1

Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable. **vPvB:** Not applicable.

3 Composition

Chemical characterization: Substances CAS**No. Description**

TRADE SECRET

Identification number(s)

4 First Aid Measures

Description of first aid measures

After inhalation: In case of unconsciousness, place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse open your eyes for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist, consult a doctor. **Information for doctor:**

The most important symptoms and effects are acute and delayed: No further relevant information is available. Indication of immediate medical attention and special treatment needed: No other relevant information is available.

5 Firefighting Measures

Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol-resistant foam. **Special hazards arising from the substance or mixture:** No further relevant information is available.

Advice for firefighters

Protective equipment: No special measures are required.

6 Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Not required.

Environmental precautions: No special measures are required.

Methods and material for containment and cleaning up: Pick up mechanically.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and Storage

Handling:

Precautions for safe handling: No special precautions are necessary if used correctly.

Information about protection against explosions and fires: No special measures are required.

Conditions for safe storage, including any incompatibilities Storage:

Requirements to be met by storerooms and receptacles: No special needs.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed. **Specific end use(s):** No other relevant information is available.

8 Exposure Controls/Personal Protection

Additional information about the design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The valid lists were used as a basis during the creation.

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages, and feed.

Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin. **Breathing equipment:**

Not required.

Protection of hands: Protective gloves

The glove material must be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests, no recommendation for the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion, and the degradation

Material of gloves:

The selection of suitable gloves depends not only on the material but also on other quality marks and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

9 Physical and Chemical Properties

Physical State: Solid

Appearance White

Odor: Characteristic

Odor Threshold No information available

pH 6-8 (1% solution)

Specific Gravity: No information available

Water solubility: soluble

Autoignition Temperature: No information available

10 Stability and Reactivity

Reactivity: Stable under normal conditions.

Chemical stability: Stable under normal conditions.

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information is available

Hazardous Decomposition: No other relevant information is available

11 Toxicology Information

Information on toxicological effects

Acute toxicity:**Primary irritant effect:**

On the Skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:**Carcinogenic categories**

IARC (International Agency for Research on Cancer): The substance is not listed.

NTP (National Toxicology Program): The substance is not listed

12 Ecological Information

Toxicity:

Aquatic toxicity: No further relevant information is available.

Persistence and degradability: No further relevant information is available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information is available.

Mobility in soil: No additional relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

Other adverse effects: No further relevant information is available.

13 Disposal Considerations

Waste treatment methods:

Recommendation: Return to manufacture.

Uncleaned packaging: non-hazardous

Recommended cleansing agent: Water, if necessary, with cleansing agents.

14 Transport Information	
UN-Number DOT, ADR, ADN, IMDG, IATA	None Regulated
UN proper shipping name DOT, ADR, ADN, IMDG, IATA	None Regulated
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	None Regulated
Packing group DOT, ADR, IMDG, IATA	None Regulated
Environmental hazards Marine pollutant:	No
Special precautions for users:	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
UN "Model Regulation":	-

15 Regulatory Information

EPA Regulations:

RCRA:: The substance is not listed

CERCLA:: Substance is not listed

SARA Section 302: The substance is not listed

SARA Section 313: The substance is not listed

TSCA (Toxic Substance Control Act): The substance is not listed

California Proposition 65

Chemicals known to cause cancer: The substance is not listed

Chemicals are known to cause reproductive toxicity for females: The substance is not listed

Chemicals are known to cause reproductive toxicity for males: The substance is not listed

Chemicals are known to cause developmental toxicity: The substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency): The substance is not listed.

TLV (Threshold Limit Value established by ACGIH): The substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): The substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration): The substance is not listed.

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS07

Signal word Warning

Hazard statements

Causes skin irritation.

Causes eye irritation.

Precautionary statements

If medical advice is needed, have the product container or label at hand.

Keep out of reach of children.

Read the label before use.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Specific treatment

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

This information is believed to be accurate but is not warranted. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Therefore, users are advised to confirm in advance of need that information is current, applicable, and suited to the circumstances of use. The vendor assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, the vendor assumes no responsibility for injury caused by abnormal use of the material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the product's manufacturer as described in Section 1.

Department issuing SDS: Regulatory Department

CAS: Chemical Abstracts Service (a division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

RID: reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulaions Concerning the international transport of Dangerous Good by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association"

CIAO: International Civil Aviation Organization

IODATE technical Instructional by the: International Civil Aviation organization GHS:

A globally harmonized system of classification and labeling of chemicals