

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Solution D1

Contact:

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SECTION 2: HAZARD IDENTIFICATION

GHS classification of the substance/mixture:

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements:

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS:

none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4: FIRST AID MEASURES

Description of first aid measures.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Skin contact: Wash off with soap and plenty of water. If symptoms occur, obtain medical advice.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes. If symptoms persist, consult a physician.

Ingestion; Never give anything by mouth to an unconscious person. Rinse mouth with water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Most important symptoms/effects, acute and delayed.

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of immediate medical attention and special treatment needed.

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Specific hazards arising from the substance or mixture:

No data available.

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Further information:

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

See Section 12 for more information.

Methods and materials for containment and cleaning up:

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material.

Reference to other sections:

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry, cool and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Components with work place control parameters

Contains no substance with occupational exposure limit value.

Exposure controls:

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment:

Eyes: Safety goggles or splash guard safety glasses.

Body: Lab coat and gloves.

Respiratory: Respiratory protection not required. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aqueous solution.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Oxidizing properties:	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.

Viscosity: No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: No data available.
Conditions to avoid: No data available.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. – Carbon oxides
Other decomposition products – No data available.
In the event of fire: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity

No data available.

Skin corrosion/irritation

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

May cause eye irritation with susceptible persons.

Inhalation

May be harmful by inhalation.

Ingestion

May be harmful if swallowed.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

Specific target organ toxicity – single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

RTECS: Not available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION**Toxicity**

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

No data available

SECTION 13: DISPOSAL INFORMATION**Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

DOT (US): Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard.

US State regulations:

Massachusetts Right To know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.
DPBS	-
Edetic acid (<0.01%)	60-00-4

New Jersey Right To Know Components

	CAS-No.
DPBS	-

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health hazard: 0

Chronic Health Hazard:

Flammability: 0

Physical Hazard: 0

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

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

Other comments:

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