

Safety Data Sheet

acc. to OSHA HCS

SAFETY DATA SHEET
SETTING SOLUTION

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product Name: Setting Solution

Company Code: 3D

Other Means of Identification: Mixture Setting Solution

Recommended Use of Mixture: Intended for topical use only. A Setting Solution.

Supplier Details

3D Beauty International

75 Bunsen

Irvine, CA USA 92618

(949) 788-0266

www.3d-beauty.com

Emergency Phone Number

Chemtrec

US & Canada: 1-(800)-535-5053

International: 1-(353)-323-3500

SECTION 2: HAZARD IDENTIFICATION

. Classification of the substance or mixture

Classification of Mixture

Not a hazardous substance or mixture

GHS Label Elements

Not a hazardous substance or mixture

Other Hazards Not Otherwise classified (HNOC) or Covered by GHS

None

Note: When information for the mixture is not available data is supplied for the individual components. Data given for components is for 100% concentration of that component.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

· **Description:** Mixture of the substances listed below with nonhazardous additions.

INGREDIENT	CAS	PERCENT	GHS HAZARD
Water	7732-18-5	Q.S.	NONE
Sodium Bromate	7789-38-0	<12	Ox. Sol. 2; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H272, H302, H315, H319, H335
Propylene Glycol	57-55-6	<12	NONE
Ceteth-20	9004-95-9	<6	NONE
DMDM Hydantoin	6440-58-0	<1	Acute Tox. 4; Eye Irrit 2A; Resp. Sens. 1; H302, H319, H334
Triethanolamine	102-71-6	<1	NONE
Tetrasodium EDTA	64-02-8	<0.5	NONE
CI 42090	3884-45-9	0.1	NONE

SECTION 4: FIRST-AID MEASURES

Description of first aid measures

After Inhalation – Move person into fresh air. If not breathing give artificial respiration. Consult a physician.

After Skin Contact – Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

After Eye Contact – Rinse opened eye thoroughly for several minutes under running water. Consult a physician.

After Ingestion – Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most Important Symptoms/Effects, Acute and Delayed

None determined. See Sections 2.2 and Section 11 for more information.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

When seeking medical attention in relation to product, bring this SDS to the physician. No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Inappropriate Extinguishing Media

No further relevant information.

Specific Hazard Arising From the Mixture

Carbon oxides, chromic oxides, silicon oxides.

Special Protective Actions for Fire-Fighters

Wear self-contained respiratory protection device.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation. Avoid breathing vapours. Beware of vapour accumulation to form explosive concentrations. Remove all sources of ignition. Wear appropriate personal protection equipment. See Section 2 for list of precautionary phrases. See Section 8 for personal protection equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains/sewers/surface or ground water.

Methods and Materials for Containment and Cleaning Up

Contain spillage. Ensure adequate ventilation. Absorb large spills with liquid-binding material (sand, diatomite, universal binder, sawdust). Place in container for disposal according to local regulations (see Section 13 for disposal considerations). Clean area before returning.

SECTION 7: HANDLING AND STORAGE

Handling:

Precautions for Safe Handling

Eating, drinking and smoking in work area is prohibited. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating area. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. See Sections 2 for a full list of GHS precautionary statements.

Precautions for Safe Storage, Including Any Incompatibilities

Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not fill container with anything. Do not pour material back into container after dispensing. No recommended storage temperatures for this mixture but avoid excesses in temperature and store at room temperature when feasible.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Additional information about design of technical systems: No further data; see item 7.**Control Parameters****Components with workplace parameters**

None

Biological occupational exposure limits

None

Exposure Controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of workday.

Personal protective equipment

- **Eye/Face Protection** – Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- **Skin Protection** – Handle with gloves. Suitable gloves include latex, nitrile, butyl rubber, neoprene, norfoil, and vitron, depending on extent of contact. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with the product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- **Body Protection** – Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the particular workplace.
- **Respiratory Protection** – When risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- **Control of Environmental Exposure** – Prevent further leakage of spillage if safe and feasible to do so. Do not let product enter the drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****Appearance** – liquid**Odour** – No data available**Odour Threshold** – No data available**pH** – No data available**Melting Point/Freezing Point** – no data available**Initial Boiling Point and Boiling Range** – no data available

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Flash Point – no data available**Evaporation Rate** – No data available**Flammability (solid, gas)** – No data available**Upper/Lower Flammability or Explosive Limits** – No data available**Vapour Pressure** – No data available**Vapour Density** – No data available**Relative Density** – No data available**Water Solubility** – Miscible**Partition Coefficient: n-octanol/water** – No data available**Auto-ignition Temperature** – No data available**Decomposition Temperature** – No data available**Viscosity** – No data available**Explosive Properties** – No data available**Oxidizing Properties** – 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

Heat, flames, sparks.

Incompatible Materials

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products

No data available. In the event of fire see Section 5.

SECTION 11: TOXICOLOGY INFORMATION**· Information on toxicological effects****Acute Toxicity****Mixture** – No data available**Components** – No data available**Skin Corrosion/Irritation****Mixture** – No data available**Components** – No data available**Serious Eye Damage/Eye Irritation**

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Mixture – No data available**Components** – No data available**Respiratory of Skin Sensitization****Mixture** – No data available**Components** – No data available**Germ Cell Mutagenicity****Mixture** – No data available**Components** – No data available**Carcinogenicity****RTECS** – 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 RTECS.**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 known carcinogen by the American Conference of Governmental Industrial Hygienists (ACGIH).**NTP EU** – No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen by the US National Toxicology Program (NTP).**OSHA** – No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen by the US Occupational Safety and Health Administration (OSHA).**EU** – No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen by the European Union (EU).**Reproductive Toxicity****Mixture** – No data available**Components** – No data available**Specific Target Organ Toxicity – Single Exposure****Mixture** – No data available**Components** – No data available**Specific Target Organ Toxicity – Repeated Exposure****Mixture** – No data available**Components** – No data available**Aspiration Hazard****Mixture** – No data available**Components** – No data available**Addition Information**

No data available

SECTION 12: ECOLOGICAL INFORMATION

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Toxicity**Mixture** - No data available**Persistence and Degradability****Mixture** - No data available**Bioaccumulation Potential****Mixture** - No data available**Mobility in Soil****Mixture** - No data available**Results of PBT and vPvB Assessment**

This product does not contain any substance classified as PBT or vPvB.

Other Adverse Effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS**Waste Treatment Method****Product** – In most areas this product can be disposed of with normal waste. Excess liquid and combustibles may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.**Contaminated packaging** – Dispose of as unused product.**SECTION 14: TRANSPORT INFORMATION****UN-Number****DOT (US)** – Not a dangerous good**IMDG (Maritime dangerous goods)**– Not a dangerous good**IATA (International air)** – Not a dangerous good**ICAO-TI** – Not a dangerous good**GEIPOT (Brazil)**– Not a dangerous good**TDG (Canada)** – Not a dangerous good**RID, ADR, ADNR (Europe)** – Not a dangerous good**GGVS and GGVE** – Not a dangerous good**SECTION 15: REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****SARA 302 Components**

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

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Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

SARA 311/312 Hazards

There are no hazards that require reporting under SARA Title III Sections 311 and 312.

Massachusetts Right to Know Components

Triethanolamine	CAS 102-71-6
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Pennsylvania Right to Know Components

Sodium Bromate	CAS 7789-38-0
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Propylene Glycol	CAS 57-55-6
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Ceteth-20	CAS 9004-95-9
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DMDM Hydantoin	CAS 6440-58-0
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Tetrasodium EDTA	CAS 64-02-8
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Triethanolamine	CAS 102-71-6
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New Jersey Right to Know Component

None

California Prop. 65 Components

This product does not contain any ingredients known to the State of California to cause cancer.

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SECTION 16: OTHER INFORMATION

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Preparation Information

3D Beauty International

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