

Safety Data Sheet

In accordance with the Hazard Communication Standard (HCS)(29 CFR 1910.1200(g))

SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1. Substance identifier

Substance name	Standardizing Solution No. 3
GHS Product Identifier	Standardizing Solution No. 3

1.2. Relevant identified uses of the substance and uses advised against

Recommended Use	Use as solution conductivity standard
Restrictions on Use	Not for household use

1.3. Details of the supplier of the safety data sheet

Manufacturer/Distributor/Importer	Company name: Specialty Coating Systems, Inc. Address: 7645 Woodland Drive, Indianapolis, IN 46278 Phone number : 317-244-1200 Fax number: 317-240-2739
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Competent person responsible for the safety data sheet	Dr. Rakesh Kumar Specialty Coating Systems Address: 7645 Woodland Drive, Indianapolis, IN 46278 Phone number : 317-472-1266 e-mail: rkumar@scscoatings.com
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1.4. Emergency telephone number

Location	Company name: ChemTel Phone #: 1-800-255-3924; International #: +01-813-248-0585 (24 hours per day, 7 days per week) Contract #: MIS4118132
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SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance in accordance with the Hazard Communication Standard (HCS)(29 CFR 1910.1200(g)).

GHS Classification	Not classified as hazardous material
Other hazards not classified or covered by GHS	None

**SECTION 3.
COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Identity	CAS Registry #	EC#	Percent Weight (%)
<i>Sodium Chloride</i>	7647-14-5	231-598-3	<1%
<i>Deionized Water</i>	7732-18-5	231-791-2	Balance

**SECTION 4.
FIRST AID MEASURES**

4.1 Description of necessary first aid measures

<i>General</i>	Consult a physician. Present this safety data sheet to the doctor in attendance. Move out of dangerous area.
<i>If Inhaled</i>	Move person into fresh air. If not breathing, perform rescue breathing and contact emergency medical personnel.
<i>Skin Contact</i>	Wash off with soap and plenty of water. Consult a physician.
<i>Ingestion</i>	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<i>Eye Contact</i>	Flush eyes with water.

4.2 Most important symptoms and effects (acute and delayed)

<i>Inhalation</i>	No data available
<i>Skin Contact</i>	No data available
<i>Eye Contact</i>	No data available
<i>Ingestion</i>	No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

**SECTION 5.
FIREFIGHTING MEASURES**

5.1 Extinguishing media

<i>Suitable extinguishing media</i>	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide
<i>Unsuitable extinguishing media</i>	No unsuitable extinguishing media known

5.2 Special hazards arising from the mixture

No data available

5.3 Advice for firefighters

<i>Special protective actions for fire-fighters</i>	Wear self-contained breathing apparatus for fire-fighting if necessary
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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to Section 8 for Personal Protective Equipment.

6.2 Environmental precautions

Do not let product enter drains

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material, and keep in suitable closed containers for disposal

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not ingest. Do not get in eyes, skin, or on clothing. Keep container closed. Use only with adequate ventilation. Do not breathe vapor or mist. Wash thoroughly after handling.

7.2. Condition for safe storage including any incompatibilities

Keep in tightly closed container. Store in a cool, dry, well-ventilated area.

<i>Incompatible materials</i>	No data available
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No exposure limits noted for ingredient(s)

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safe practices. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Individual protection measures, Personal Protective Equipment (PPE)

<i>Respiratory Protection</i>	For conditions of use where exposure to dust or mist is apparent, a properly fitted, air purifying or air-fed respirator must be worn
<i>Skin Protection</i>	Wear impervious clothing, boots, chemical resistant gloves, lab coat, apron or coveralls to prevent skin contact
<i>Eye Protection</i>	Use chemical safety goggles and/or a full face shield where splash is possible. Maintain eyewash fountain.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear, colorless liquid
Odor	Odorless
Odor threshold	N/A
pH	Approximately 7
Melting Point	Approximately 0°C
Boiling Point	Approximately 100°C
Flash point	N/A
Flammability	N/A
Upper/lower flammability or explosive limits	Not data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1
Solubility in water	Infinite
Partition coefficient:n-octanol/water	Not data available
Auto-ignition temperature	N/A
Decomposition temperature	Not data available
Viscosity	Not data available
Evaporation rate compared with (n-butyl acetate = 1)	0.36 (water)

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Chemically inert

10.2. Chemical stability

Stable under normal conditions of use and storage

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur

10.4. Conditions to avoid

Extreme heat

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11. INFORMATION ON TOXICOLOGICAL EFFECTS

<i>Acute Toxicity</i>	Not classified
<i>Skin corrosion/irritation</i>	Not classified
<i>Serious eye damage/irritation</i>	Not classified
<i>Respiratory or skin sensitization</i>	Not classified
<i>Germ cell mutagenicity</i>	Not classified
<i>Reproductive toxicity</i>	Not classified
<i>STOT Single exposure</i>	Not classified
<i>STOT Repeated exposure</i>	Not classified
<i>Aspiration hazard</i>	Not classified

Symptoms related to the physical, chemical and toxicological characteristics

<i>Inhalation</i>	No data available
<i>Ingestion</i>	No data available
<i>Skin contact</i>	No data available
<i>Eye contact</i>	No data available

Delayed and immediate effects; also chronic from short and long term exposure

No data available

Numerical measure of toxicity

Non toxic

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity	No data available
Toxicity data United States	No data available

Toxicity to fish

Sodium chloride	LC50 – <i>Lepomis macrochirus</i> (Bluegill) 5840 mg/L – 96 hr
Toxicity to daphnia and other aquatic invertebrates	
Sodium chloride	NOEC – Daphnia : 1500 mg/L – 7d
	EC50 – <i>Daphnia magna</i> (water flea): 1661 mg/L – 2d

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No bioaccumulative

12.4. Mobility in soil

Not data available

12.6. Other adverse effects

Not data available

SECTION 13. DISPOSAL CONSIDERATION

Material does not have an EPA waste number and is not listed as waste. Always contact a permitted waste disposal professional to assure compliance with federal, state, and local regulations.

SECTION 14. TRANSPORT INFORMATION

<i>UN number</i>	Not classified as hazardous material
<i>UN proper shipping name</i>	Not dangerous goods
<i>Transport hazard class(es)</i>	Not dangerous goods
<i>Packing group</i>	Not dangerous goods
<i>Environmental hazard</i>	Not classified as hazardous material

SECTION 15. REGULATORY INFORMATION

<i>United States OSHA Status</i>	The items listed on this Safety Data Sheet do not contain any hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health or safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of hazardous material.
<i>TSCA Status</i>	All components of this solution listed on the TSCA Inventory are mixtures (hydrates) of items listed on the TSCA Inventory.
<i>CERCLA Reportable Quantity</i>	None
<i>SARA Title III</i>	
<i>--Section 302 Extremely Hazardous Substances</i>	No
<i>--Section 311/312 Hazardous Categories</i>	No
<i>--Section 313 Toxic Chemicals</i>	No
<i>--RCRA Status</i>	No
<i>California Proposition 65</i>	Not listed

SECTION 16. OTHER INFORMATION

**DISCLAIMER**

This document aims to provide guidance for appropriate handling and precaution of this product by qualified personnel or operating under the supervision of personnel trained in handling chemicals. The product should not be used for purposes other than those mentioned in section 1, unless they are given adequate written information received on how to handle the material. The provider of this document can not provide any warnings about the dangers of use or interaction with other chemicals or materials. Specialty Coating Systems, Inc. assumes no responsibility for the user's safe use of this product, the product suitability for the purpose for which it is applied and/or proper disposal. Information mentioned in this document should not be considered a declaration or guarantee, either expressed or implied, of merchantability, fitness for a particular purpose, quality, or any other. The information contained in this SDS is in accordance with the Hazard Communication Standard (HCS) (29 CFR 1910.1200(g)).