

# Safety Data Sheet

## Specialty 982

Revision Date: 07/26/2019

Version: 6

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Specialty 982

**Alternate Names** UN3264

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Deoxidizer

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** U.S. Specialty Color Corporation  
5624 Cannon Drive  
Monroe, NC 28110

#### Emergency

**24 hour Emergency Telephone No.** 1-800-424-9300

**Customer Service: U.S. Specialty Color Corporation** 704-292-1476

### 2. Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Skin Corr. 1A;H314

Eye Dam. 1;H318

Acute Tox. 4;H303

Causes severe skin burns and eye damage.

Causes serious eye damage.

Harmful if swallowed.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H310 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

**[Prevention]:**

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P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P264 Wash thoroughly after handling.  
P262 Do not get in eyes, on skin, or on clothing.  
P273 Avoid release to the environment.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves / eye protection / face protection.

### [Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.  
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P308+313 IF exposed or concerned: Get medical advice / attention.  
P331: Do NOT induce vomiting.  
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
P363 Wash contaminated clothing before reuse.

### [Storage]:

P405 Store locked up.

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sulfuric Acid (93% strength) CAS Number: 7664-93-9	15-30	Skin Corr. 1A;H314 Eye Dam. 1;H318 Acute Tox. 4;H303	[1]
Sodium Nitrate CAS Number: 7631-99-4	2-10		[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

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### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Immediately flush the eyes with large amounts of water for at least 15 minutes, alternately lifting the upper and lower eyelids. After 5 minutes, if appropriate, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Call a physician at once.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	Get immediate medical attention. DO NOT induce vomiting. Do not give anything by mouth unless instructed to do so by a poison center or health care provider.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** No data available.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Product is water based and will not support flames. Water may be used to cool fire-exposed containers.

#### 5.2. Special hazards arising from the substance or mixture

No data available.

#### 5.3. Advice for fire-fighters

Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**ERG Guide No.** ----

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Wear prescribed protective equipment. Vacuum or sweep up material and place in a designated container immediately. Prevent run off to drains, sewers or other public waterways.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating, drinking, and smoking. Put on appropriate personal protective equipment (see section 8).

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in original container, in a cool, dry location.

Keep container closed when not in use.

Store in a well-ventilated area.

### 7.3 Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
7664-93-9	Sulfuric Acid (93% strength)	OSHA	TWA 1 mg/m <sup>3</sup> (vacated) TWA 1 mg/m <sup>3</sup>
		ACGIH	TWA 0.2 mg/m <sup>3</sup> thoracic fraction
		NIOSH	IDLH 15 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup>

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7631-99-4	Sodium nitrate	Supplier	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m3 (50 mppcf\*) TWA, ACGIH 10 mg/m3.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
7664-93-9	Sulfuric Acid (93% strength)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
7631-99-4	Sodium nitrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

### 8.2. Exposure controls

- Respiratory**      If a risk assessment indicates it is necessary, an appropriate NIOSH approved, properly fitted HEPA type respirator.
- Eyes**              Use chemicals safety goggles / or a full face shield where splashing is possible.
- Skin**                Wear a rubber or plastic apron. Wear clothing suitable to avoid skin contact and clean after every shift. Wear impermeable rubber or plastic gloves.
- Engineering Controls**    Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices**    Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Light brown liquid
<b>Odor</b>	No data available
<b>Odor threshold</b>	Not Measured

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<b>pH</b>	1.0
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	152°F
<b>Flash Point</b>	>300°F
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	1.4269
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Not Measured
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Solubility in Water</b>	Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

Strong acids and bases.

### 10.6. Hazardous decomposition products

Carbon oxides, steam, hydrocarbons.

## 11. Toxicological information

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### Acute toxicity

Ingredient	ATE mix Oral mg/kg	ATE mix Dermal	Inhalation LC50 2 h
Sulfuric Acid (93% strength) - (7664-93-9)	2140, rat	No data available	=510 mg/m <sup>3</sup> , rat
Sodium nitrate - (7631-99-4)	1267 mg/kg, rat	No data available	No data available

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1A	Not Applicable
Serious eye damage/irritation	1	Not Applicable
Respiratory sensitization	---	May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Skin sensitization	---	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

### Aquatic Ecotoxicity

Ingredient	Algae / aquatic plants	Fish	Crustacea
Sulfuric Acid (93% strength) - (7664-93-9)	No data available	500: 96 h Brachydanio rerio mg/L LC50 static	29: 24 h Daphnia magna mg/L EC50
Sodium nitrate - (7631-99-4)	No data available	2000: 96 h Lepomis macrochirus mg/L LC50 static 994.4 - 1107: 96 h	No data available

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Oncorhynchus mykiss  
mg/L LC50 static

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	3264	3264	3264
<b>14.2. UN proper shipping name</b>	UN3264, Corrosive Liquid, Acidic inorganic, N.O.S. (Sulfuric Acid Solution), 8, II	UN3264, Corrosive Liquid, Acidic inorganic, N.O.S. (Sulfuric Acid Solution), 8, II	UN3264, Corrosive Liquid, Acidic inorganic, N.O.S. (Sulfuric Acid Solution), 8, II
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class: 8</b>	<b>IMDG: 8</b> <b>Sub Class: Not Applicable</b>	<b>Air Class: 8</b>
<b>14.4. Packing group</b>	II	II	II

### 14.5. Special precautions for user

Danger: Corrosive substance

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.



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**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**HMIS Classification** 301D

### Sara 311/312 Hazard Categories

<b>Sudden Release of Pressure:</b>	No
<b>Fire Hazard:</b>	No
<b>Acute Health Hazards:</b>	Yes
<b>Chronic Health Hazard:</b>	Yes
<b>Reactive Hazard:</b>	No

### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Sulfuric Acid (93% strength) - (7664-93-9)  
CWA Reportable Quantities: 1,000 lb.

### CERLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CFR 302):

Sulfuric Acid (93% strength) - (7664-93-9)  
Reportable Quantities: 1,000 lb.

### Proposition 65:

This product contains the following Proposition 65 chemical: Sulfuric Acid (93% strength) - (7664-93-9)

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

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We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H303 Harmful if swallowed.

We believe all the data and information given is accurate as of the date of preparation and is offered in good faith, but without warranty or representation. Since conditions of use are beyond our control, we disclaim all liability for reliance thereon. This is offered solely for your consideration, investigation and verification.

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