

# Safety Data Sheet Specialty 982

Date: 07/14/2021

Version: 5

## Section 1. IDENTIFICATION

### Product identifier

**Product Name** Specialty 982

### Other means of identification

**UN/ID no** UN3264  
**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Metal finishing  
**Uses advised against** Any other purposes.

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

**Supplier Address**  
U.S. Specialty Color Corporation  
5624 Cannon Drive  
Monroe, NC 28110

### Emergency telephone number

**Company Phone Number** 704-292-1476  
**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300  
**Emergency Telephone** Chemtrec 1-800-424-9300

## Section 2. HAZARD(S) IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

### Label elements

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



**Danger**

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**Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray

**Response**

Immediately call a POISON CENTER or doctor/physician  
Specific treatment (see Section 4 )  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell  
Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth  
Do NOT induce vomiting

**Storage**

Store locked up

**Disposal**

Dispose of contents/container to an approved waste disposal plant in accordance with all Federal, State, and Local regulations.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable

**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Chemical Name	CAS No	Weight %	
SULFURIC ACID 66-(93% STRENGTH)	7664-93-9	18	
SODIUM NITRATE	7631-99-4	6	

**Section 4. FIRST AID MEASURES****Description of first aid measures**

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.  
Consult a physician.

<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove victim to fresh air or supply oxygen. Administer artificial respiration if victim is unconscious. Seek medical attention if victim is unconscious. Seek medical attention if victim is overcome by vapors or breathing difficulty persists.
<b>Ingestion</b>	Seek medical attention immediately. If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting. If victim begins to vomit involuntarily, keep head below hips to prevent aspiration. Monitor for breathing difficulty.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**Section 5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Product is water based and will not support flames. Water may be used to cool fire-exposed containers. Wear self-containing breathing apparatus with full face piece.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general purpose binder). Dispose of absorbed material in accordance with regulations. Large spills: Stop the flow of material if this is without risk. Dike the spilled material where this is possible. Absorb in vermiculite, dry sand or earth, and place into containers. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water. Never return spills to original containers for re-use.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## Section 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

Keep container closed when not in use. Store at room temperature in well ventilated areas. Prevent product from freezing. Follow SDS and label warnings even after package is empty. Do not cut, puncture, or weld empty container. Not for use in pressure washing equipment. Product applications which generate dust, mist, or fumes may require exposure limit modification. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Use personal protection recommended in Section 8.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

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

#### Incompatible materials

Incompatible with strong acids and bases.

## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	TWA: 0.2 mg/m <sup>3</sup> thoracic fraction	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup>	IDLH: 15 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>

### Appropriate engineering controls

#### Engineering Controls

Showers. Eyewash stations. Ventilation systems.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin and body protection

Wear protective gloves and protective clothing.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### Physical state

Liquid

#### Appearance

Light brown liquid

#### Odor

No information available

#### Color

light brown

#### Odor threshold

No information available

### Property

### Values

#### pH

1.0

#### Melting point / freezing point

No information available

#### Boiling point / boiling range

152°F

#### Flash point

>300°F

#### Evaporation rate

No information available

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**Flammability (solid, gas)** No information available

**Flammability Limit in Air**

**Upper flammability limit:** No information available  
**Lower flammability limit:** No information available  
**Vapor pressure** No information available  
**Vapor density** No information available  
**Relative density** 1.4269  
**Water solubility** No information available  
**Solubility in other solvents** No information available  
**Partition coefficient** No information available  
**Autoignition temperature** No information available  
**Decomposition temperature** No information available  
**Kinematic viscosity** No information available  
**Dynamic viscosity** No information available  
**Explosive properties** No information available  
**Oxidizing properties** No information available

**Other Information**

**Softening point** No information available  
**Molecular weight** No information available  
**VOC Content (%)** No information available  
**Density** No information available  
**Bulk density** No information available

**Section 10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Incompatible with strong acids and bases.

**Hazardous Decomposition Products**

Carbon oxides. Steam. Hydrocarbons.

**Section 11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information** No data available  
**Inhalation** Harmful by inhalation.  
**Eye contact** Corrosive, prevent contact.

**Skin contact** Irritating to skin. Avoid contact with skin.

**Ingestion** Harmful if swallowed.

**Component Information** Caution - substance not yet tested completely

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	= 2140 mg/kg ( Rat )	-	= 510 mg/m <sup>3</sup> ( Rat ) 2 h
SODIUM NITRATE 7631-	= 1267 mg/kg ( Rat )	-	-

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes burns.  
**Serious eye damage/eye irritation** Risk of serious damage to eyes.  
**Corrosivity** Causes burns.  
**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	A2	Group 1	Known	X
SODIUM NITRATE 7631-	-	Group 2A	-	X

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document.

**Section 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	-	500: 96 h Brachy danio rerio mg/L LC50 static	29: 24 h Daphnia magna mg/L EC50
SODIUM NITRATE 7631-99-4	-	2000: 96 h Lepomis macrochirus mg/L LC50 static 994.4 - 1107: 96 h Oncorhynchus mykiss mg/L LC50 static	-

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
SODIUM NITRATE 7631-99-4	-3.8

**Other adverse effects** No information available

### Section 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

Chemical Name	California Hazardous Waste Status
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	Toxic Corrosive
SODIUM NITRATE 7631-99-4	Toxic

### Section 14. TRANSPORT INFORMATION

#### DOT

**UN/ID no** UN3264  
**Proper shipping name** Corrosive liquid, acidic, inorganic, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Special Provisions** B2, IB2, T11, TP2, TP27  
**Description** UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (Sulfuric Acid Solution), 8, II  
**Emergency Response Guide Number** 154

#### TDG

**UN/ID no** UN3264  
**Proper shipping name** Corrosive liquid, acidic, inorganic, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Description** UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

#### MEX

**UN/ID no** UN3264  
**Proper shipping name** Corrosive liquid, acidic, inorganic, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Description** UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

#### ICAO (air)

**UN/ID no** UN3264  
**Proper shipping name** Corrosive liquid, acidic, inorganic, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Special Provisions** A3  
**Description** UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

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**IATA**

<b>UN/ID no</b>	UN3264
<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, N.O.S.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>ERG Code</b>	8L
<b>Special Provisions</b>	A3, A803
<b>Description</b>	UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

**IMDG**

<b>UN/ID no</b>	UN3264
<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, N.O.S.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>EmS-No</b>	F-A, S-B
<b>Special Provisions</b>	274
<b>Description</b>	UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

**RID**

<b>UN/ID no</b>	UN3264
<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, N.O.S.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Classification code</b>	C1
<b>Description</b>	UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II

**ADR**

<b>UN/ID no</b>	UN3264
<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, N.O.S.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Classification code</b>	C1
<b>Tunnel restriction code</b>	(E)
<b>Special Provisions</b>	274
<b>Description</b>	UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II, (E)
<b>Labels</b>	8

**ADN**

<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, N.O.S.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Classification code</b>	C1
<b>Special Provisions</b>	274
<b>Description</b>	UN3264, Corrosive liquid, acidic, inorganic, N.O.S. (SULFURIC ACID 66-(93% STRENGTH)), 8, II
<b>Hazard label(s)</b>	8
<b>Limited quantity (LQ)</b>	1 L

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**Section 15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies



**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
SULFURIC ACID 66-(93% STRENGTH) - 7664-93-9	1.0
SODIUM NITRATE - 7631-99-4	1.0

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	1000 lb.	-	-	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	1000 lb.	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Proposition 65
SULFURIC ACID 66-(93% STRENGTH) - 7664-93-9	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
SULFURIC ACID 66-(93% STRENGTH) 7664-93-9	X	X	X
SODIUM NITRATE 7631-99-4	X	X	X

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**U.S. EPA Label Information**

**EPA Pesticide Registration Number:** Not applicable

**Section 16. OTHER INFORMATION**

**HMIS**

Health Hazards: 2  
Flammability: 0  
Instability: 0  
Personal protection: G

**Original Issue Date:** 06/15/2015

**Revision Date:** 07/14/2021

**Revision Notes:**

No information available.

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