

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

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.

| | |
|---------------------|--|
| Skin contact | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. |
| Inhalation | 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. |
| Ingestion | 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 ³ thoracic fraction | TWA: 1 mg/m ³ (vacated) TWA: 1 mg/m ³ | IDLH: 15 mg/m ³ TWA: 1 mg/m ³ |

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

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 ³ (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

IATA

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

IMDG

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

RID

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

ADR

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

ADN

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

Section 15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | 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
IECS - 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 |

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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