

Product: 1.AC.0023F0

SPECTRACID TARTRAZINE CONC 170

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifiers:

Product Form: Substance  
Product Name: **SPECTRACID TARTRAZINE CONC 170**  
Product Number: **1.AC.0023F0**  
Color Index Name: ACID YELLOW 023  
C.I. No: 19140  
CAS number: 1934-21-0  
Formula/Chemical Family: MONOAZO DYE  
Synonyms:

### Intended Use of the Product

Felt Tip, Ink Jet Inks, Marker Inks, Water Based Coatings and Specialty Inks

Filterability: 1 micron filter paper

### Name, Address, and Telephone of the Responsible Party

Spectra Colors Corporation Telephone 800-527-8588 (USA), 201-997-0606 (Int'l)  
25 Rizzolo Road Fax number 201-997-0504  
Kearny, NJ 07032 USA Email [dyes@spectracolors.com](mailto:dyes@spectracolors.com)

### EMERGENCY TELEPHONE NUMBER

Emergency phone number: Chemtrec 800-424-9300 (USA)  
+1 703-527-3887 (Outside USA)

## SECTION 2: Hazards Identification

### Classification of the substance or mixture

#### GHS-US Classification

Acute tox. – inhalation 5 H333  
Acute tox – oral 5 H303

### Label Elements

#### GHS Labelling:

Hazard Pictograms (GHS-US): No Symbol

Signal Word (GHS-US): Warning

Hazard Statements (GHS-US)  
H333 - May be harmful if inhaled  
H303 – May be harmful if swallowed

Precautionary Statements (GHS-US)  
P304 + P312 – IF INHALED or SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**Other Hazards:** No data available

**Unknown acute toxicity (GHS US):** No data available

# SAFETY DATA SHEET (SDS)

According to OSHA HazCom Standard 29 CFR 1910.1200 (g), Rev 2012 and GHS Rev 03  
Revision No. 0, Revision Date: 25-Mar-15  
Printing Date: 1-Jun-15

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## SECTION 3: Composition/Information on Ingredients

### Substances

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
ACID YELLOW 023	1934-21-0	100	Acute tox. – inhalation 5 H333 Acute tox – oral 5 H303

### Hazardous ingredients:

None

## SECTION 4: First Aid Measures

### Description of first aid measures

First Aid Measures General: Remove contaminated clothing

**First-aid measures after inhalation:** Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

**First-aid measures after skin contact:** Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

**First-aid measures after eye contact:** Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

**First-aid measures after ingestion:** Induce vomiting – seek immediate medical attention.

### Most important symptoms and effects, both acute and delayed:

NITRO AROMATIC AMINES are unlikely from production process & are not sought in its analysis. Intermediate levels in FD&C Yell # 5 must comply with of 21 CFR 74.705, 7007.05. QC & FDA monitor these to assure compliance. Acid Yell 23 is made very similarly.

### Indication of any immediate medical attention and special treatment needed:

No additional information

## SECTION 5: Firefighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** NOT APPLICABLE.

Unsuitable Extinguishing Media:

**Special hazards arising from the substance or mixture:** NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

**Fire Hazard:** N/A

**Explosion Hazard:** N/A

**Reactivity:** N/A

### Advice for firefighters

**Firefighting Instructions:** NOT APPLICABLE.

**Protection during firefighting:** Wear fully protective suit.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Remove persons from danger area.

### For non-emergency personnel

**Protective equipment:**

**Emergency procedures:** No additional information

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## For emergency responders

**Protective equipment:** See Section 8 for information on personal protection equipment.

**Emergency procedures:** No additional information

**Environmental precautions:** Avoid any uncontrolled release of material. Do not empty into drains or the aquatic environment.

## Methods and materials for containment and cleaning up

**For containment:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

**For cleaning up:** Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

## Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Additional hazards when processed:** N/A

**Precautions for safe handling:** Handle with CARE. AVOID over exposure. Use NIOSH/OSHA APPROVED RESPIRATOR, WORK GLOVES and CLOTHING. WASH after handling. SENSITIVE INDIVIDUALS MAY EXPERIENCE RESPIRATORY ALLERGIES. MAY CAUSE SKIN IRRITATION. USE WITH LOCAL VENTILATION.

**Hygiene measures:** N/A

### Conditions for safe storage, including any incompatibilities

**Technical measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

### Storage conditions:

**Incompatible products:** Keep away from heat. Keep away from sources of ignition.

### Incompatible materials:

**Storage area:** Keep away from strong oxidizing and reducing agents

**Special rules on packaging:** None

**Specific end use(s):** Felt Tip, Ink Jet Inks, Marker Inks, Water Based Coatings and Specialty Inks

Filterability: 1 micron filter paper

## SECTION 8: Exposure controls / personal protection

### Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

### Exposure controls

Appropriate engineering controls:

The usual precautionary measures are to be adhered to when handling chemicals.

### Personal protective equipment:



Hand protection: Wear protective gloves

Eye protection: Tightly sealed safety goggles or full face shield

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Dust Mask

Thermal hazard protection:

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Other information: No additional information

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	POWDER, NO ODOR
Odor Threshold:	No data
pH:	7.0 +/- 1.0
Melting Point/Freezing Point:	ND
Initial boiling point/boiling range:	0.00
Flashpoint:	NOT APPLICABLE
Evaporation rate:	No data
Flammability (solid, gas):	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Upper explosive limits:	N/A
Lower explosive limits:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Relative density:	n/a
Solubility in water:	Yes.
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

### Other information

No additional information available

## SECTION 10: Stability and reactivity

**Reactivity:** No data

**Chemical stability:** Stable

**Possibility of hazardous reactions**

No additional information available

**Conditions to avoid:** NOT APPLICABLE.

**Incompatible materials:** NOT APPLICABLE.

**Hazardous decomposition products:** CO, CO<sub>2</sub>, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

## SECTION 11: Toxicological information

### Information on toxicological effects

Oral (Animal): Greater than 10,000 mg/kg toxic to Rat

Dermal (animal): NOT APPLICABLE.

Effects to eyes (Animal): NOT APPLICABLE.

Skin irritation (Animal): Slight irritant (Rabbit)

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

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**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** May cause drowsiness or dizziness.

**Aspiration hazard:** Not classified

**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.

**Symptoms/injuries after eye contact:** Causes serious eye irritation.

**Symptoms/injuries after ingestion:** Ingestion may cause nausea, vomiting and diarrhea.

## SECTION 12: Ecological information

**Toxicity:**

NOT APPLICABLE.

**Persistence and degradability:** No Data Available

**Bioaccumulative potential:** No Data Available

**Mobility in soil:** Not Applicable.

**Other adverse effects:** No additional information available

## SECTION 13: Disposal considerations

**Waste treatment methods**

**Regional legislation (waste):** Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

**Waste disposal recommendations:** Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

## SECTION 14: Transport information

**UN number:** None

**UN proper shipping name:** None

**Department of Transportation (DOT)**

**Transport hazard class(es):** N/A

**Hazard labels (DOT)**

**Packing group (DOT):** N/A

**DOT Special provisions:** N/A

**Additional information**

**Overland transport:** NONE

**Transport by sea:** NONE

**Air transport:** NONE

**DOT Quantity Limitations Passenger Aircraft:** No additional information

**DOT Quantity Limitations Cargo Aircraft:** No additional information

## SECTION 15: Regulatory information

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## US Federal regulations

This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.

## US State regulations

None

## Other regulations

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
1934-21-0	X	X	-	X	-	-	-	-	-	-

TSCA Status: LISTED

E C Classification: (67/548/EEC – 88/379/EEC) n/a

EINECS Number: 217-699-5

REACH Classification:

R-phrases:

Additional Regulatory Information: Listed on the following inventories:  
Australia(AICS)  
Japan(ENCS)  
China(IECSC)  
Taiwan  
Philippines(PICCS)

This product does not contain any California Proposition 65 substances.

Field of Application Definition, as per EC directive 76/768/EEC for use of colors in cosmetics: 1- Coloring agents allowed in all cosmetic products.

## SECTION 16: Other information

Indication of changes: N/A

Other information: N/A

## GHS Full Text Phrases:

H333	May be harmful if inhaled
H303	May be harmful if swallowed

NFPA Rating: N/A

HMIS Rating: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: D

*SPECTRA COLORS CORP. makes every effort to assure that the information herewith enclosed in this transmission is accurate and current, to the best of our knowledge. Beyond the scope of these claims, Spectra Colors makes no promises as to the performance of our products in our customers finished applications; neither can we anticipate end-use characteristics. Likewise it is the end-user's responsibility to assure that Spectra Colors dye products are in compliance with all local, federal and global regulations regarding the storage, the use and the disposal of these same dye products. Spectra Colors Corp. provides these materials for informational purposes only and does not hereby make any express or implied warranty regarding merchantability, fitness for a particular purpose, regulatory compliance, or any other matter.*