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MATERIAL SAFETY DATA SHEET (MSDS)

TARTRAZINE (FOR MICROSCOPY) (C.I. NO. 19140)

1. Product Identification

Synonyms: C.I. FOOD YELLOW 4

CAS No.: 1934-21-0

Product Coad: T0201100025

Molecular Weight: 534.36

Chemical Formula: C₁₆H₉N₄Na₃O₉S₂

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
TARTRAZINE	1934-21-0	90 - 100%	Yes

3. Hazards Identification

Route Of Entry Inds - Inhalation: YES Skin: NO Ingestion: NO

Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO

Health Hazards Acute And Chronic: HARMFUL. MAY CAUSE SENSITIZATION BY INHALATION. INGESTION/SKIN ABSORPTION MAY CAUSE IRRITATION/ALLERGIC REACTION, PARATHESIA, CHANGES IN MUSCULO-SKELETON, MAY HAVE EFFECTS ON NEWBORNS.

Explanation of Carcinogenicity: NONE

Signs and Symptoms of Overexposure: IRRITATION.

Medical Conditions Aggravated by Overexposure: N/K

4. First Aid Measures

EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: WASH OUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

5. Fire Fighting Measures

Flash Point Text: N/K

Auto Ignition Temperature Text:

Lower Limits: N/K Upper Limits: N/K

Extinguishing Media: WATER SPRAY, CO₂, DRY CHEMICAL POWDER/APPROPRIATE FOAM.

Fire Fighting Procedures: WEAR SCBA & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

6. Accidental Release Measures

Spill Release Procedures: WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent: N/K

Waste Disposal Methods: DISSOLVE/MIX THE MATERIAL W/COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

7. Handling and Storage

KEEP CONTAINER CLOSED. HYGROSCOPIC. STORE IN A COOL DRY PLACE.

8. Exposure Controls/Personal Protection

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: MECHANICAL EXHAUST REQUIRED.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Equipment: N/K

Work Hygienic Practices: N/K

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Supplemental Safety & Health: N/K

9. Physical and Chemical Properties

Boiling Point: N/K
Melting/Freezing Point: N/K
Decomposition Temp: N/K
Vapor Pressure: N/K Vapor Density: N/K
Specific Gravity: N/K
PH: N/K
Viscosity: N/P
Evaporation Rate & Reference: N/K
Solubility in Water: N/K
Appearance and Odor: ORANGE POWDER
Percent Volatiles by Volume: N/K
Corrosion Rate: N/K

10. Stability and Reactivity

Stability Indicator: YES
Stability Conditions to Avoid: MOISTURE
Materials to Avoid: STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: COMBUSTION: CO, CO₂, NITROGEN OXIDES, SULFUR OXIDES.
Hazardous Polymerization Products: NO
Conditions to Avoid Polymerization: N/K

11. Toxicological Information

N/A

12. Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

NON HAZARDOUS FOR AIR, ROAD AND SEA TRANSPORT

15. REGULATORY

SARA Title III: N/A
Federal Regulatory: N/A

16. Other Information

Product Use: LABORATORY REAGENT

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In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
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