

Orange IV

Effective: 11/26/85

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Orange IV  
Formula:  $C_6H_5NHC_6H_4N:NC_6H_4SO_3Na$   
Formula Wt: 375.38  
CAS No.: 00554-73-4  
Common Synonyms: p-[(p-Anilinophenyl)azol]benzenesulfonic Acid, Sodium Salt;  
C.I. 13080  
Product Codes:  
Columbus Chemical Industries, Inc.  
N4335 Temkin Road  
Columbus, WI 53925  
(920)-623-2140

PRECAUTIONARY LABELLING

Precautionary Label Statements

**WARNING!**  
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN  
CAUSES IRRITATION

There is insufficient data in the published literature to assign complete numerical SAF-T-DATA ratings and laboratory protective equipment for this product. Special precautions must be used in storage, use and handling. Protective equipment for laboratory bench use should be chosen using professional judgment based on the size and type of reaction or test to be conducted and the available ventilation, with overriding consideration to minimize contact with the chemical.

Avoid contact with eyes, skin, clothing.  
Keep in tightly closed container. Wash thoroughly after handling.

SECTION II - HAZARDOUS COMPONENTS

<u>Component</u>	<u>%</u>	<u>CAS No.</u>
Orange IV	90-100	554-73-4

SECTION III - PHYSICAL DATA

Boiling Point: N/A  
Melting Point: N/A  
Specific Gravity: N/A  
(H<sub>2</sub>O=1)  
Solubility(H<sub>2</sub>O): Appreciable (more than 10 %)  
Appearance & Odor: Yellow-brown to orange powder.

Vapor Pressure(mmHg): N/A  
Vapor Density(air=1): N/A  
Evaporation Rate: N/A  
(Butyl Acetate=1)  
% Volatiles by Volume: 0

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flash Point: N/A

Fire Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire-Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

Toxic Gases Produced

sulfur dioxide, nitrogen oxides

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SECTION V - HEALTH HAZARD DATA

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Effects of Overexposure

No effects of overexposure were documented.

Emergency and First Aid Procedures

CALL A PHYSICIAN.

If swallowed, if conscious, immediately induce vomiting.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush skin with water.

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SECTION VI - REACTIVITY DATA

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Stability: Stable.

Hazardous Polymerization: Will not occur

Conditions to Avoid: none documented

Decomposition Products: oxides of nitrogen, oxides of sulfur

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SECTION VII - SPILL AND DISPOSAL PROCEDURES

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Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing.

With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

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SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

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Eye/Skin Protection: Since some of the hazards of this product are

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SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT (Continued)

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unknown, an Industrial Hygienist should be consulted on ventilation and personal protective equipment. Cover the body as much as possible to avoid contact with the chemical. Wear safety goggles, gloves, and impervious clothing.

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SECTION IX - STORAGE AND HANDLING PRECAUTIONS

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Special Precautions

Keep container tightly closed. Suitable for any general chemical storage area.

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SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

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DOMESTIC (D.O.T.)

Proper Shipping Name      Chemicals, n.o.s.

INTERNATIONAL (I.M.O.)

Proper Shipping Name      Chemicals, n.o.s.

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N/A = Not Applicable or Not Available

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